API Well Number: 43047522440000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

	1. WELL NAME and NUMBER Dillman 5-2-3-1W
2. TYPE OF WORK DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** UNDESIGNATED
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME**
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY	**7. OPERATOR PHONE** 435 646-4825
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052	**9. OPERATOR E-MAIL** mcrozier@newfield.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Patented	**11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ○ FEE ◉
12. SURFACE OWNERSHIP FEDERAL ○ INDIAN ○ STATE ○ FEE ◉	
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Jason A. & Lora L. Riley	**14. SURFACE OWNER PHONE (if box 12 = 'fee')** 435-823-3766
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') Rt. 2 Box 2412, Ballard, UT 84066	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ◉
19. SLANT VERTICAL ◉ DIRECTIONAL ○ HORIZONTAL ○	

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2127 FNL 568 FWL	SWNW	2	3.0 S	1.0 W	U
Top of Uppermost Producing Zone	2127 FNL 568 FWL	SWNW	2	3.0 S	1.0 W	U
At Total Depth	2127 FNL 568 FWL	SWNW	2	3.0 S	1.0 W	U

21. COUNTY UINTAH	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 568	**23. NUMBER OF ACRES IN DRILLING UNIT** 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 0	**26. PROPOSED DEPTH** MD: 10600 TVD: 10600
27. ELEVATION - GROUND LEVEL 4987	**28. BOND NUMBER** B001834	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** 437478

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	17.5	14	0 - 60	37.0	H-40 ST&C	0.0	Class G	35	1.17	15.8
SURF	12.25	9.625	0 - 1000	36.0	J-55 ST&C	0.0	Premium Lite High Strength	51	3.53	11.0
							Class G	154	1.17	15.8
I1	8.75	7	0 - 8410	26.0	P-110 LT&C	11.5	Premium Lite High Strength	287	3.53	11.0
							50/50 Poz	215	1.24	14.3
PROD	6.125	4.5	8210 - 10600	11.6	P-110 LT&C	11.5	50/50 Poz	209	1.24	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Don Hamilton	**TITLE** Permitting Agent	**PHONE** 435 719-2018
SIGNATURE	**DATE** 12/16/2011	**EMAIL** starpoint@etv.net

API NUMBER ASSIGNED 43047522440000	**APPROVAL** Permit Manager

RECEIVED: February 16, 2012

Newfield Production Company
Dillman 5-2-3-1W
SW/NW Section 2, T3S, R1W
Uintah County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,800'
Garden Gulch member	6,865'
Wasatch	9,005'
TD	10,600'

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	3,133'			(water)
Green River	6,865'	-	9,005'	(oil)
Wasatch	9,005'	-	TD	(oil)

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Conductor	0'	60'	37	H-40	Weld	--	--	--	--	--	--
14									--	--	--
Surface	0'	1,000'	36	J-55	STC	8.33	8.33	12	3,520	2,020	394,000
9 5/8									6.27	6.35	10.94
Intermediate	0'	8,410'	26	P-110	LTC	9	9.5	15	9,960	6,210	693,000
7									2.51	1.87	3.17
Production	8,210'	10,600'	11.6	P-110	LTC	11	11.5	--	10,690	7,560	279,000
4 1/2									2.14	1.43	2.27

Assumptions:

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Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing MASP = (reservoir pressure) - (gas gradient)
Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

All casing shall be new.
All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41 / 35	15%	15.8	1.17
Surface Lead	12 1/4	500'	Premium Lite II w/ 3% KCl + 10% bentonite	180 / 51	15%	11.0	3.53
Surface Tail	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	180 / 154	15%	15.8	1.17
Intermediate Lead	8 3/4	5,865'	Premium Lite II w/ 3% KCl + 10% bentonite	1014 / 287	15%	11.0	3.53
Intermediate Tail	8 3/4	1,545'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	267 / 215	15%	14.3	1.24
Production Tail	6 1/8	2,390'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	259 / 209	15%	14.3	1.24

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the intermediate and production casing strings will be calculated from an open hole caliper log, plus 15% excess.

6. Type and Characteristics of Proposed Circulating Medium

Interval — **Description**

Surface - 1,000'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

1,000' - TD

A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

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Anticipated maximum mud weight is 11.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBTD to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.57 psi/ft gradient.

10,600' x 0.57 psi/ft = 6063 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

This is planned as a vertical well.

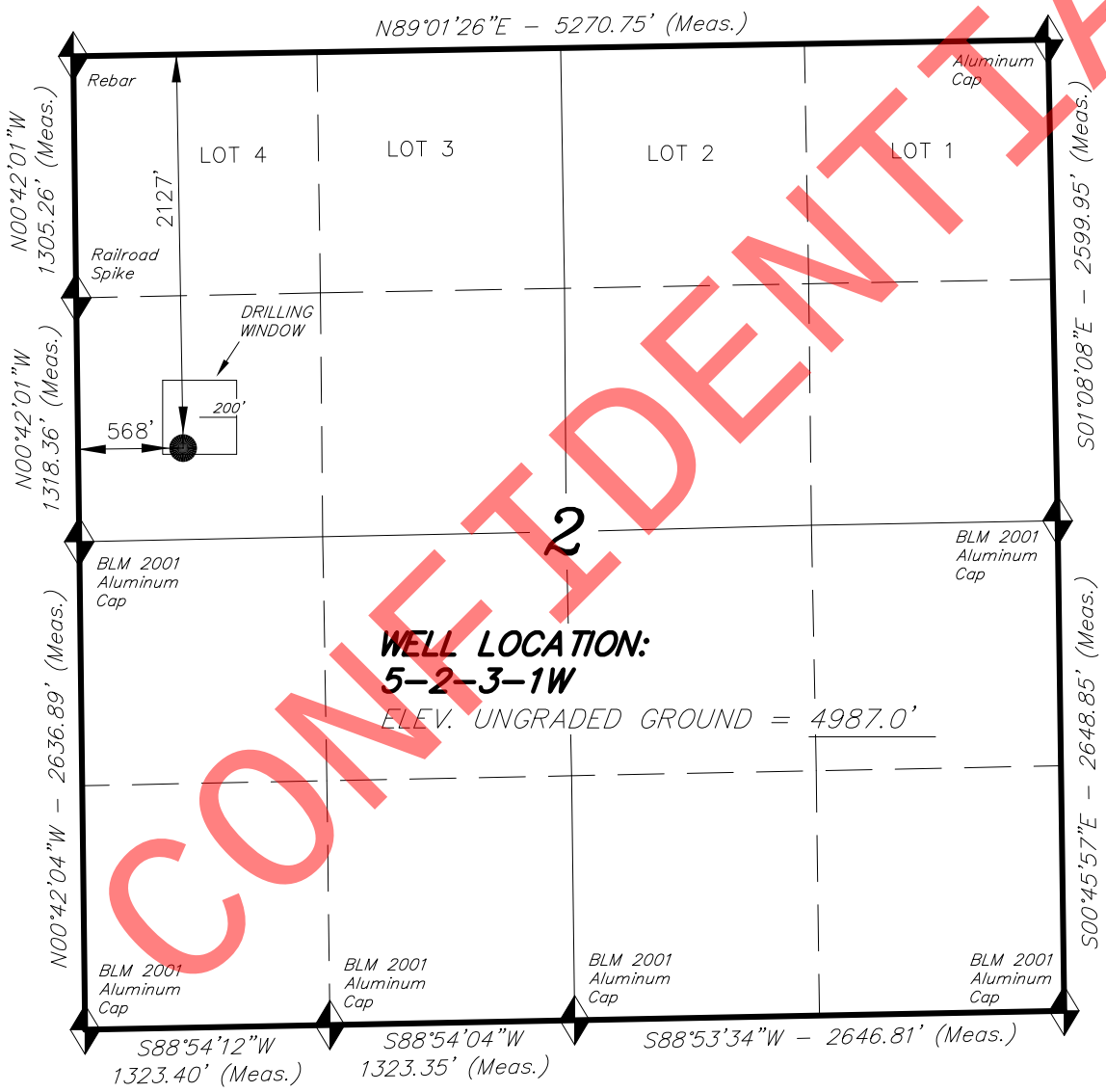
RECEIVED: December 16, 2011

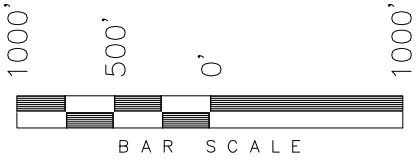
API Well Number: 43047522440000

T3S, R1W, U.S.B.&M.

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 5-2-3-1W, LOCATED AS SHOWN IN THE SW 1/4 NW 1/4 OF SECTION 2, T3S, R1W, U.S.B.&M. UINTAH COUNTY, UTAH.

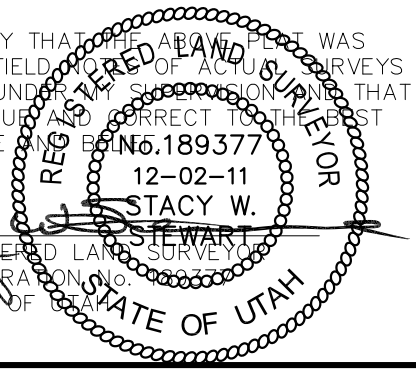




NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REGISTERED LAND SURVEYOR
REGISTRATION No.
STATE OF UTAH

= SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

5-2-3-1W
(Surface Location) NAD 83
LATITUDE = 40° 15' 10.35"
LONGITUDE = 109° 58' 14.63"

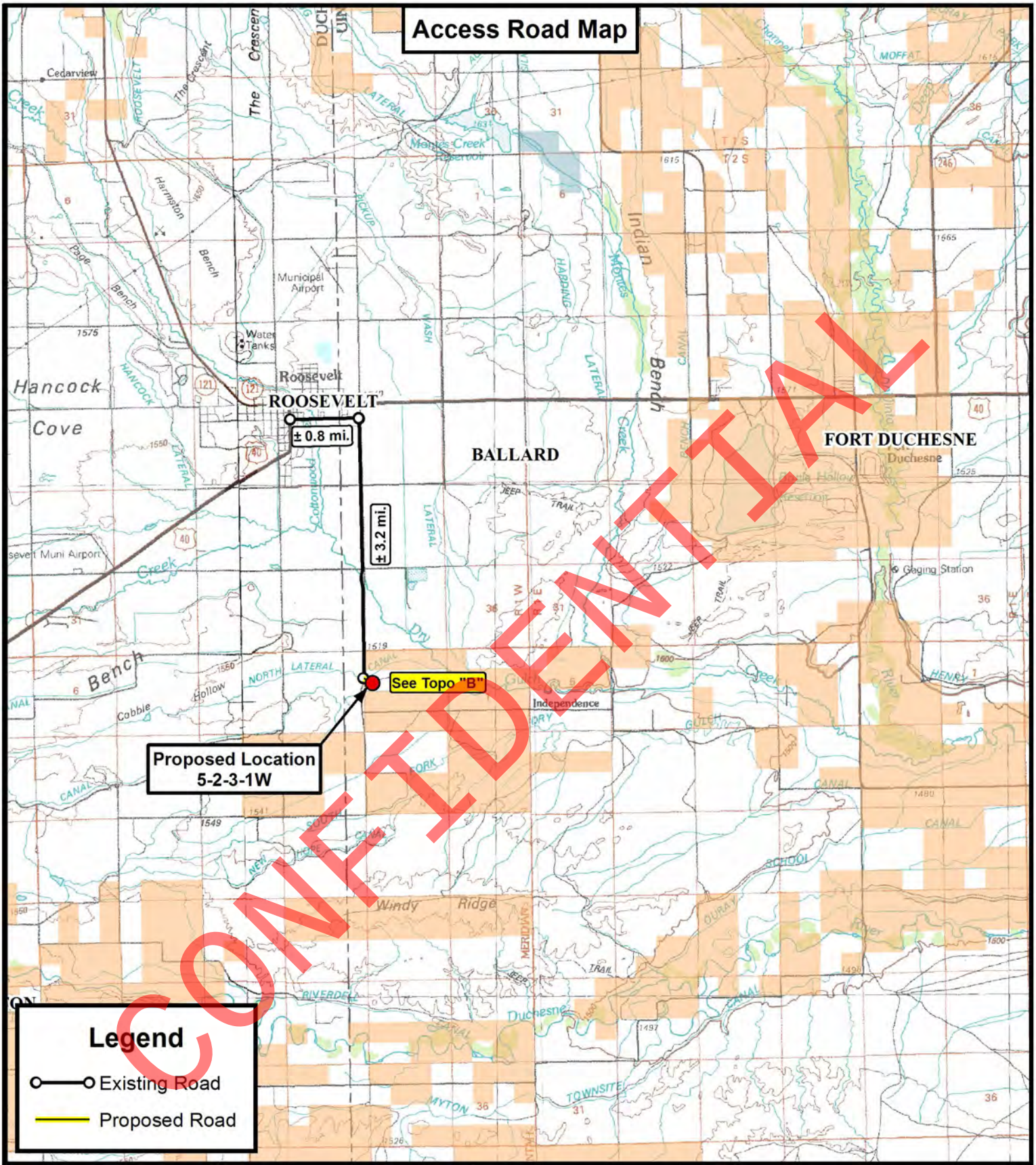
TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-17-11	SURVEYED BY: D.P.	VERSION:
DATE DRAWN: 11-03-11	DRAWN BY: F.T.M.	V2
REVISED: 11-29-11 F.T.M.	SCALE: 1" = 1000'	

RECEIVED: December 16, 2011

API Well Number: 43047522440000

Access Road Map



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

5-2-3-1W
SEC. 2, T3S, R1W, U.S.B.&M.
Uintah County, UT.

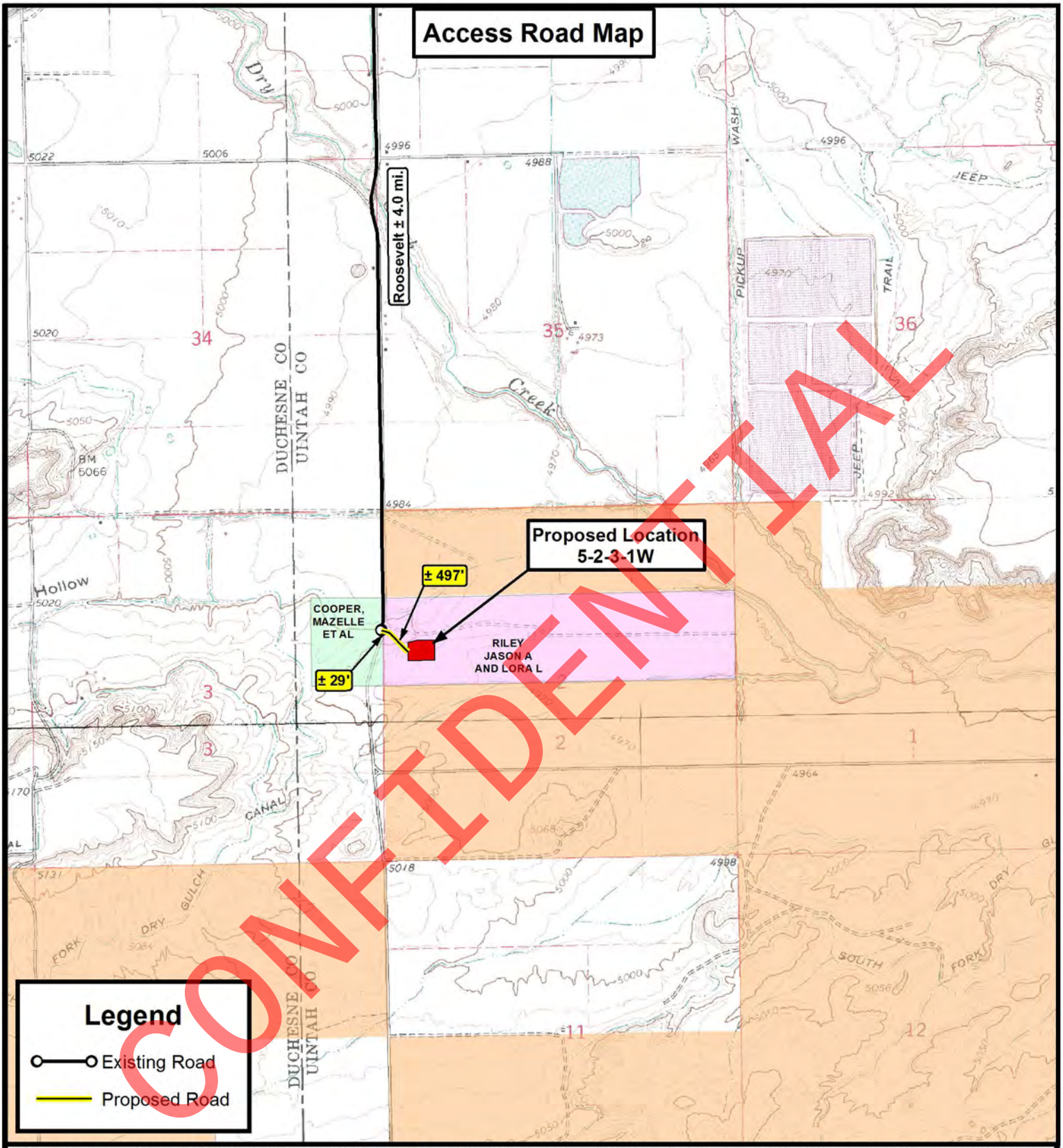
DRAWN BY:	A.P.C.	REVISED:	11-29-11 D.C.R.	VERSION:
DATE:	11-03-2011			V2
SCALE:	1:100,000			

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43047522440000

Access Road Map



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
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NEWFIELD EXPLORATION COMPANY

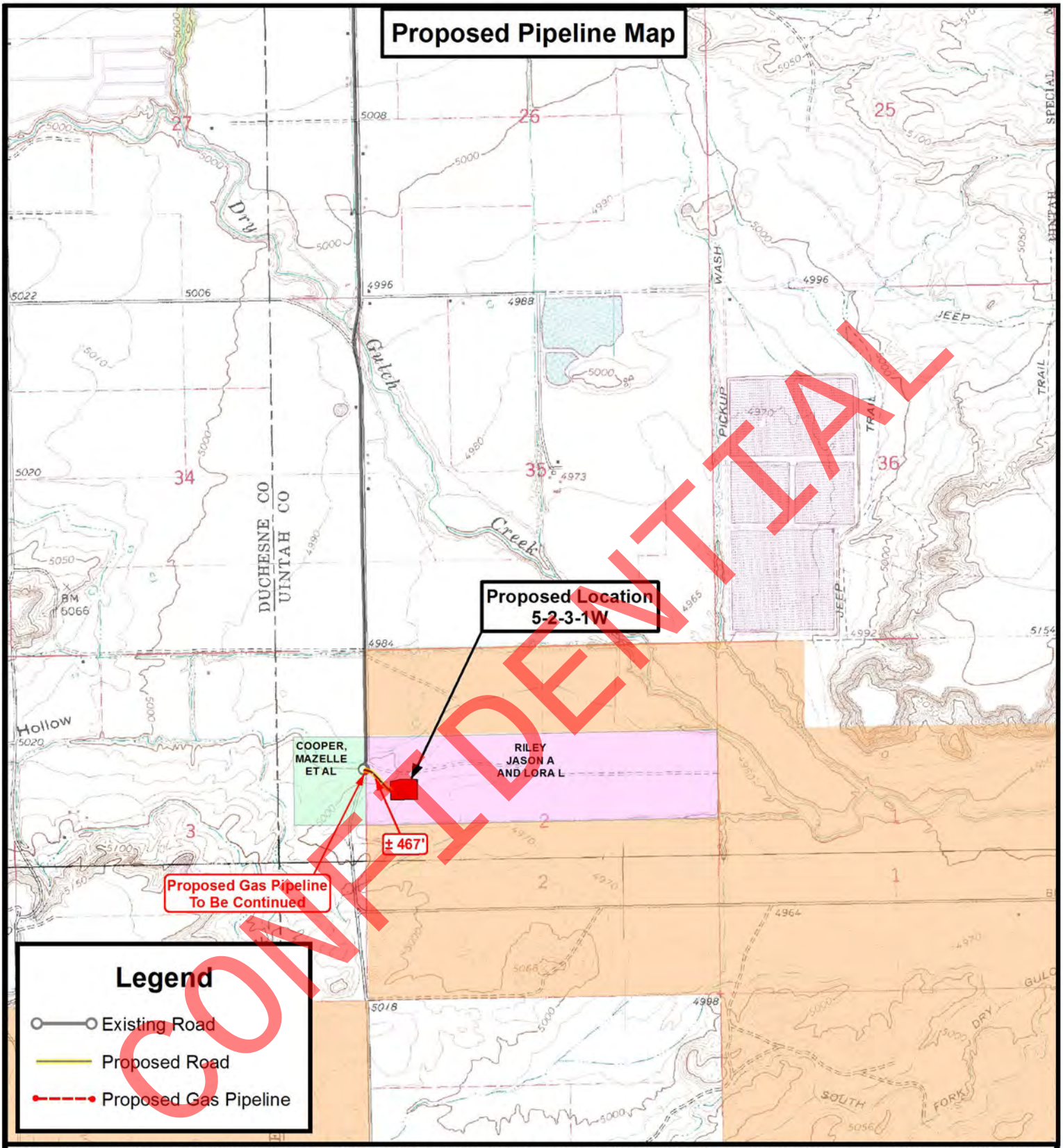
5-2-3-1W
SEC. 2, T3S, R1W, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	11-29-11 D.C.R.	VERSION:
DATE:	11-03-2011			V2
SCALE:	1 " = 2,000 '			

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43047522440000



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Tri State Land Surveying, Inc.
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P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

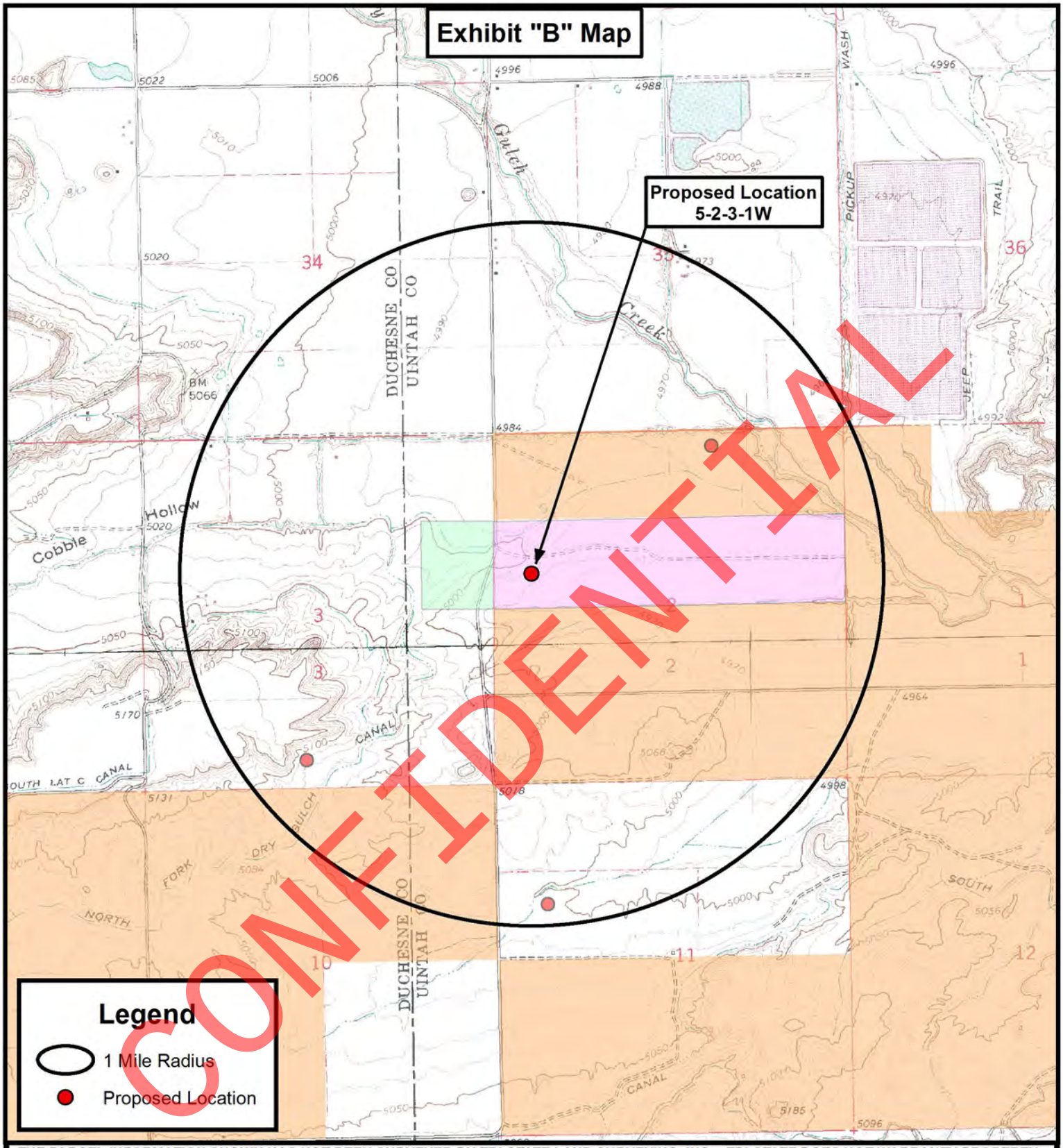
5-2-3-1W
SEC. 2, T3S, R1W, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	11-29-11 D.C.R.	VERSION:
DATE:	11-03-2011			V2
SCALE:	1 " = 2,000 '			

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43047522440000



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P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

5-2-3-1W
SEC. 2, T3S, R1W, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	A.P.C.	REVISED:	11-29-11 D.C.R.	VERSION:
DATE:	11-03-2011			V2
SCALE:	1 " = 2,000 '			

TOPOGRAPHIC MAP

SHEET D

AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND SURFACE USE AGREEMENT

Roxann Eveland personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Roxann Eveland. I am a Landman for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").

2. Newfield is the Operator of the proposed Dillman 5-2-3-1W well to be located in the SWNW of Section 2, Township 3 South, Range 1 West, Uintah County, Utah (the "Drillsite Location"). The surface owner of the Drillsite Location is Jason A. Riley and Lora L. Riley, whose address is Rt 2 Box 2412, Ballard, UT 84066 ("Surface Owner").

3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated December 14, 2011 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

Roxann Eveland

ACKNOWLEDGEMENT

STATE OF COLORADO §
§
COUNTY OF DENVER §

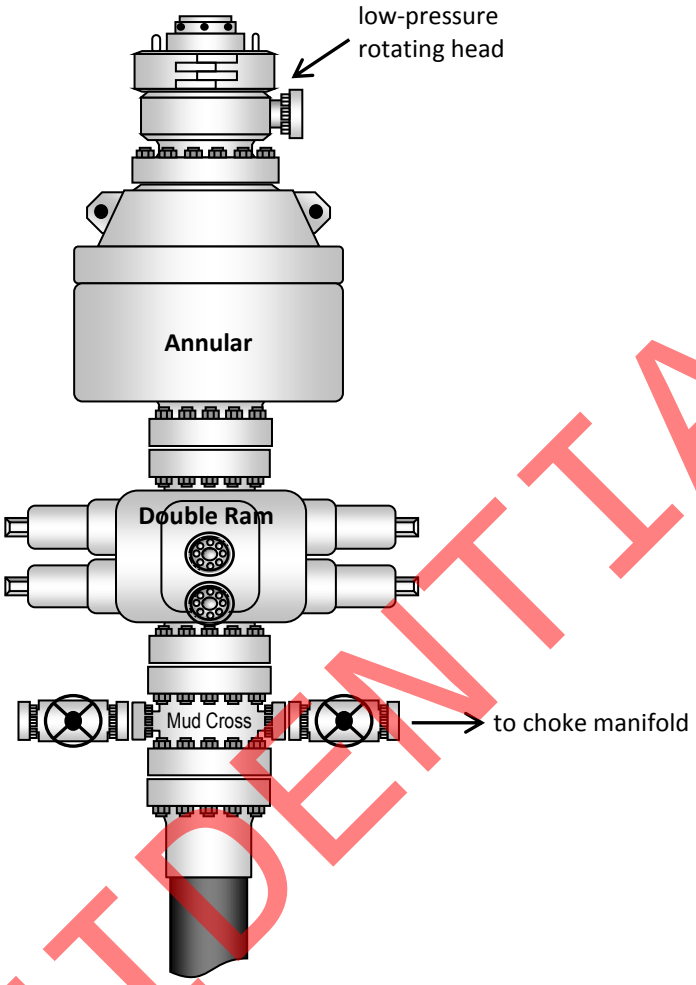
Before me, a Notary Public, in and for the State, on this 15th day of December, 2011, personally appeared Roxann Eveland, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.

NOTARY PUBLIC

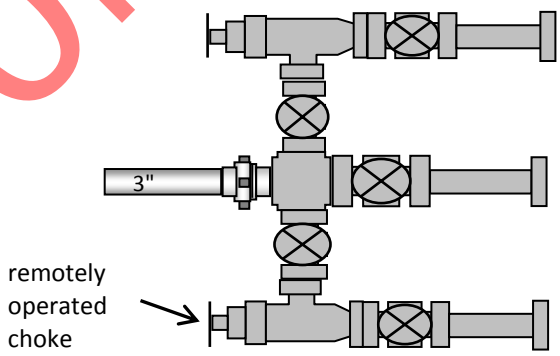
My Commission Expires:

PETER BURNS
NOTARY PUBLIC
STATE OF COLORADO
My Commission Expires 8/09/2015

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



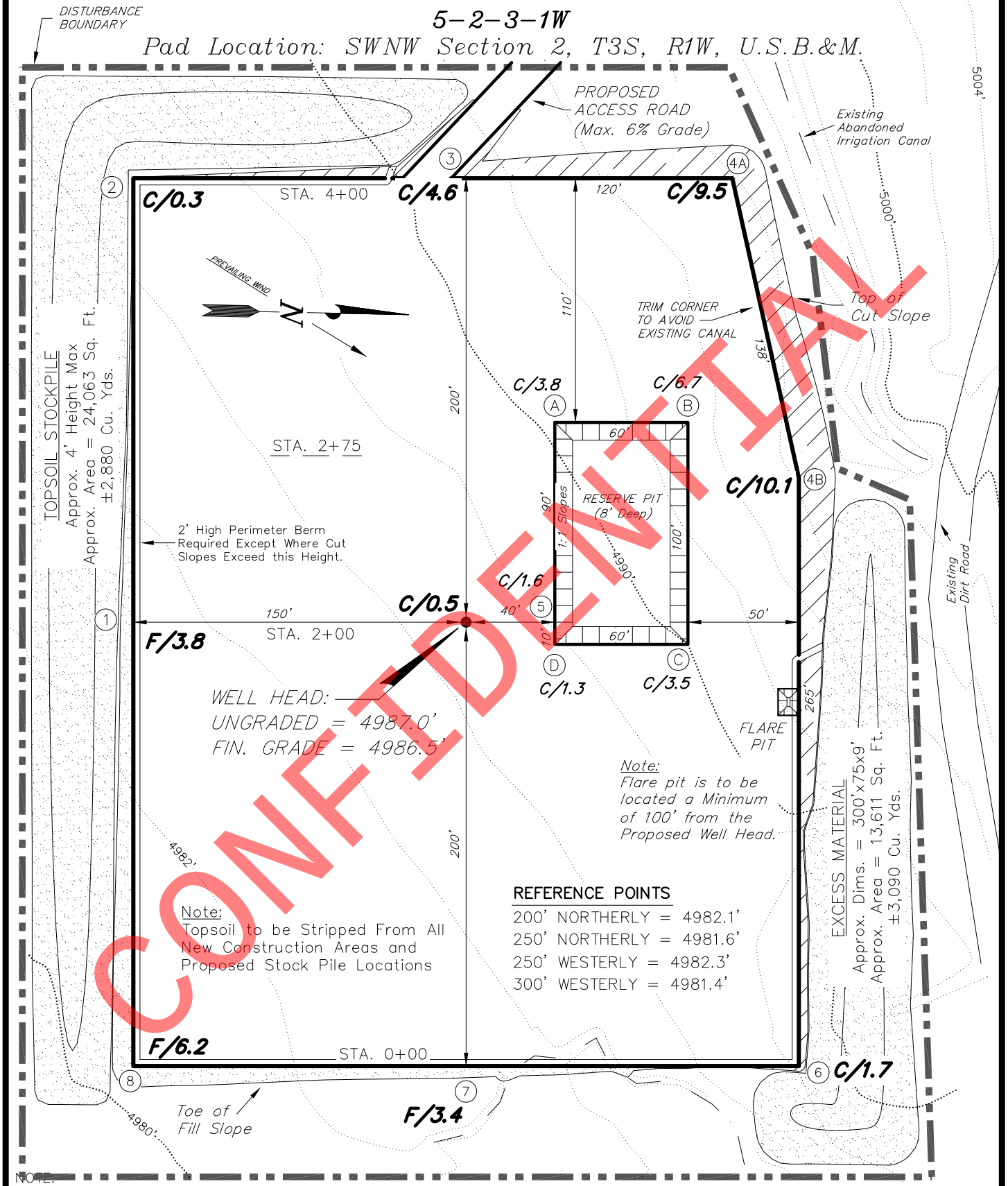
RECEIVED: December 16, 2011

NEWFIELD EXPLORATION COMPANY

PROPOSED LOCATION LAYOUT

5-2-3-1W

Pad Location: SWNW Section 2, T3S, R1W, U.S.B.&M.



NOTE:
The topsoil & excess material areas are calculated as being mounds containing 5,970 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

SURVEYED BY: D.P.	DATE SURVEYED: 11-17-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 11-03-11	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 11-29-11		

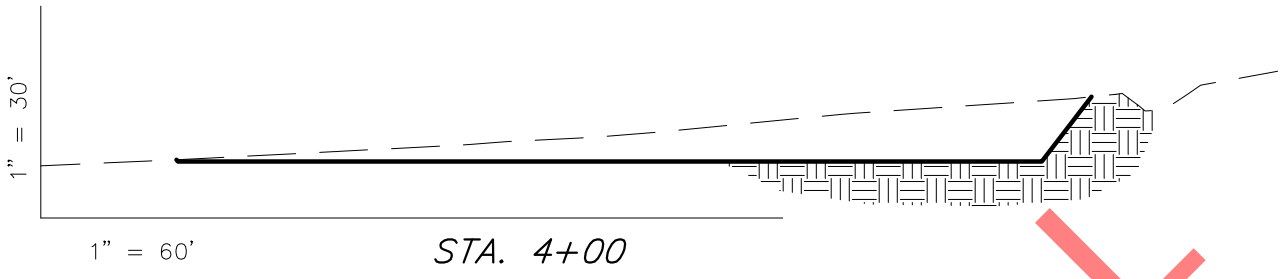
RECEIVED: December 16, 2011

NEWFIELD EXPLORATION COMPANY

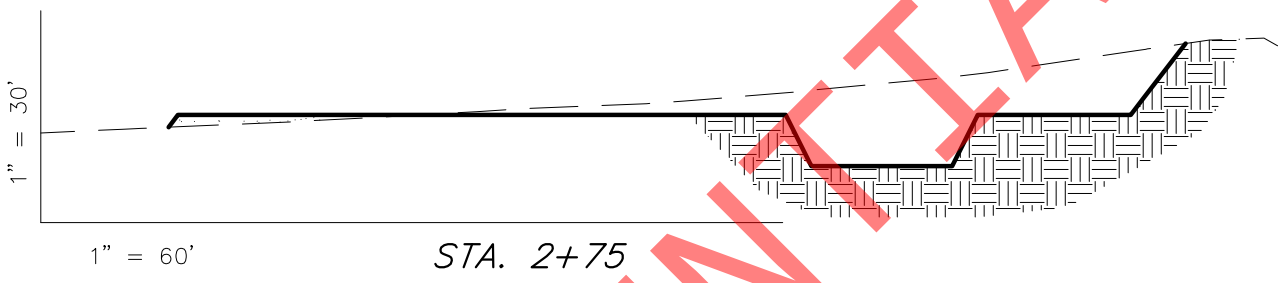
CROSS SECTIONS

5-2-3-1W

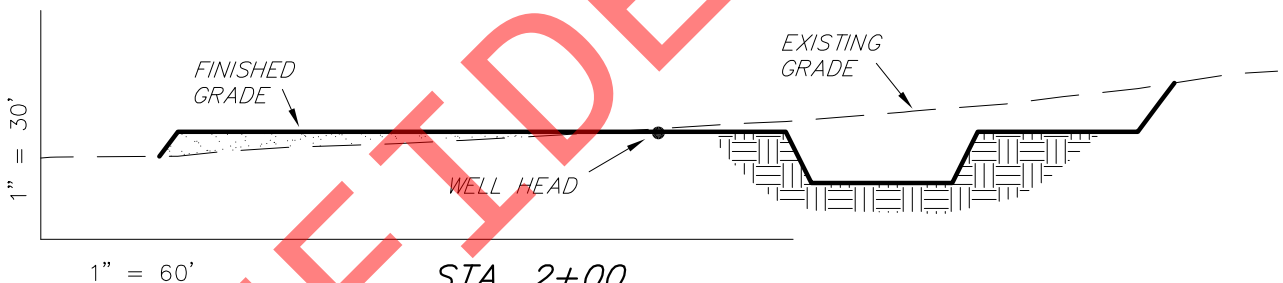
Pad Location: SWNW Section 2, T3S, R1W, U.S.B.&M.



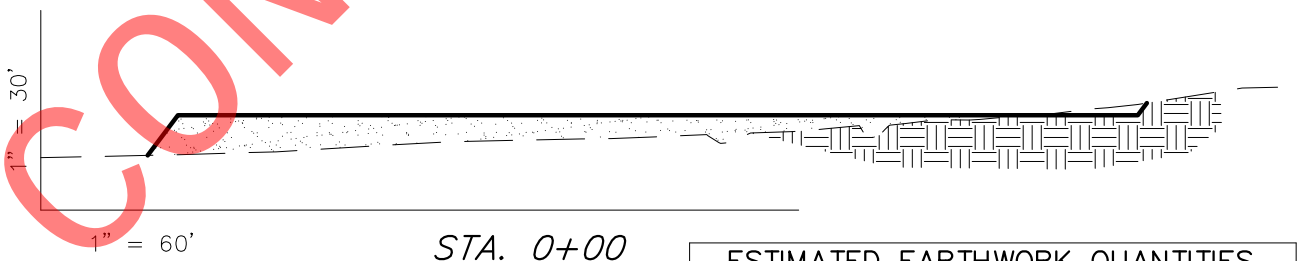
STA. 4+00



STA. 2+75



STA. 2+00



STA. 0+00

NOTE:
UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	7,520	6,130	Topsoil is not included in Pad Cut Volume	1,390
PIT	1,420	0		1,420
TOTALS	8,940	6,130	2,620	2,810

SURVEYED BY: D.P.	DATE SURVEYED: 11-17-11	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 11-03-11	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 11-29-11		

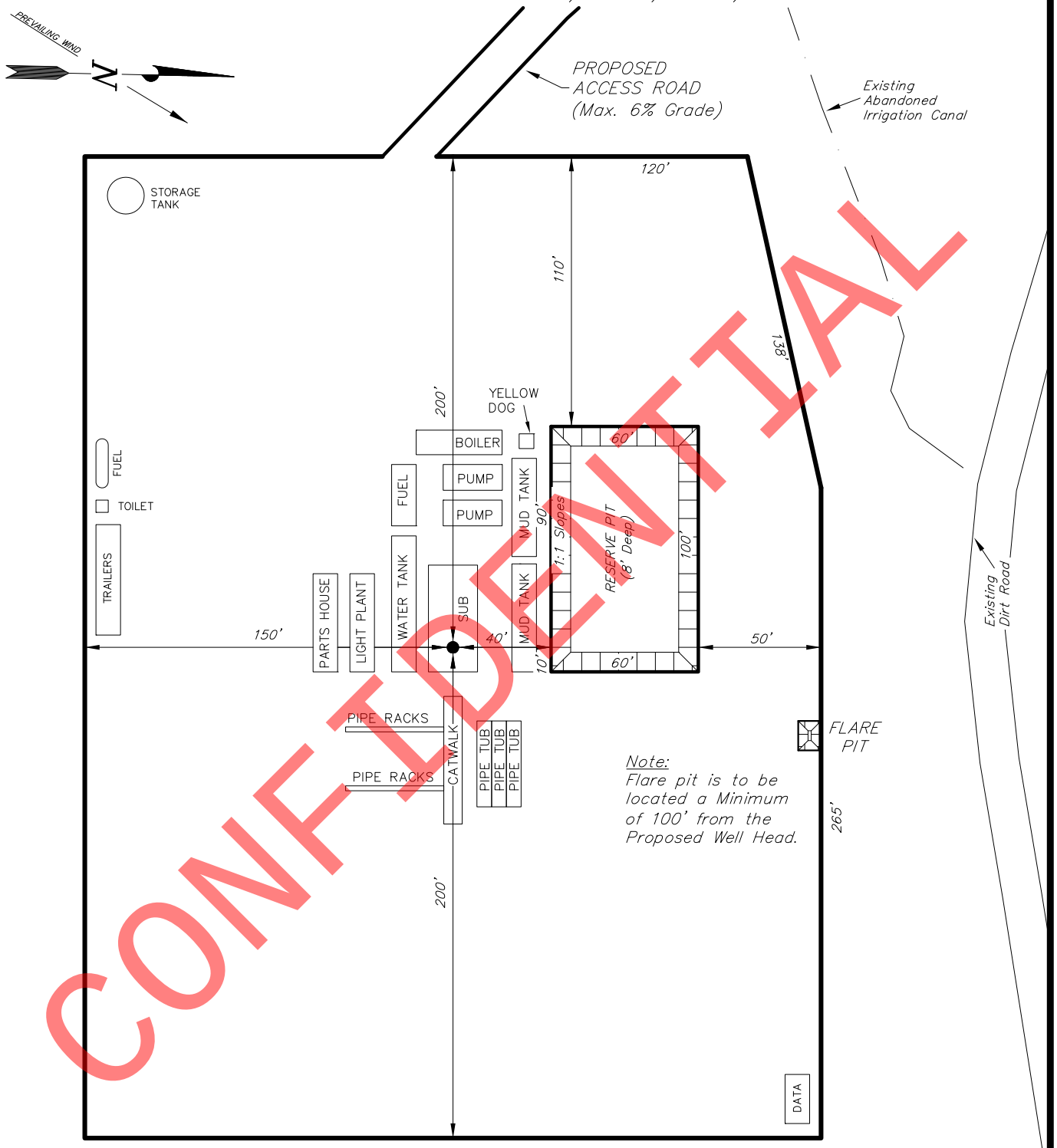
RECEIVED: December 16, 2011

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

5-2-3-1W

Pad Location: SWNW Section 2, T3S, R1W, U.S.B.&M.



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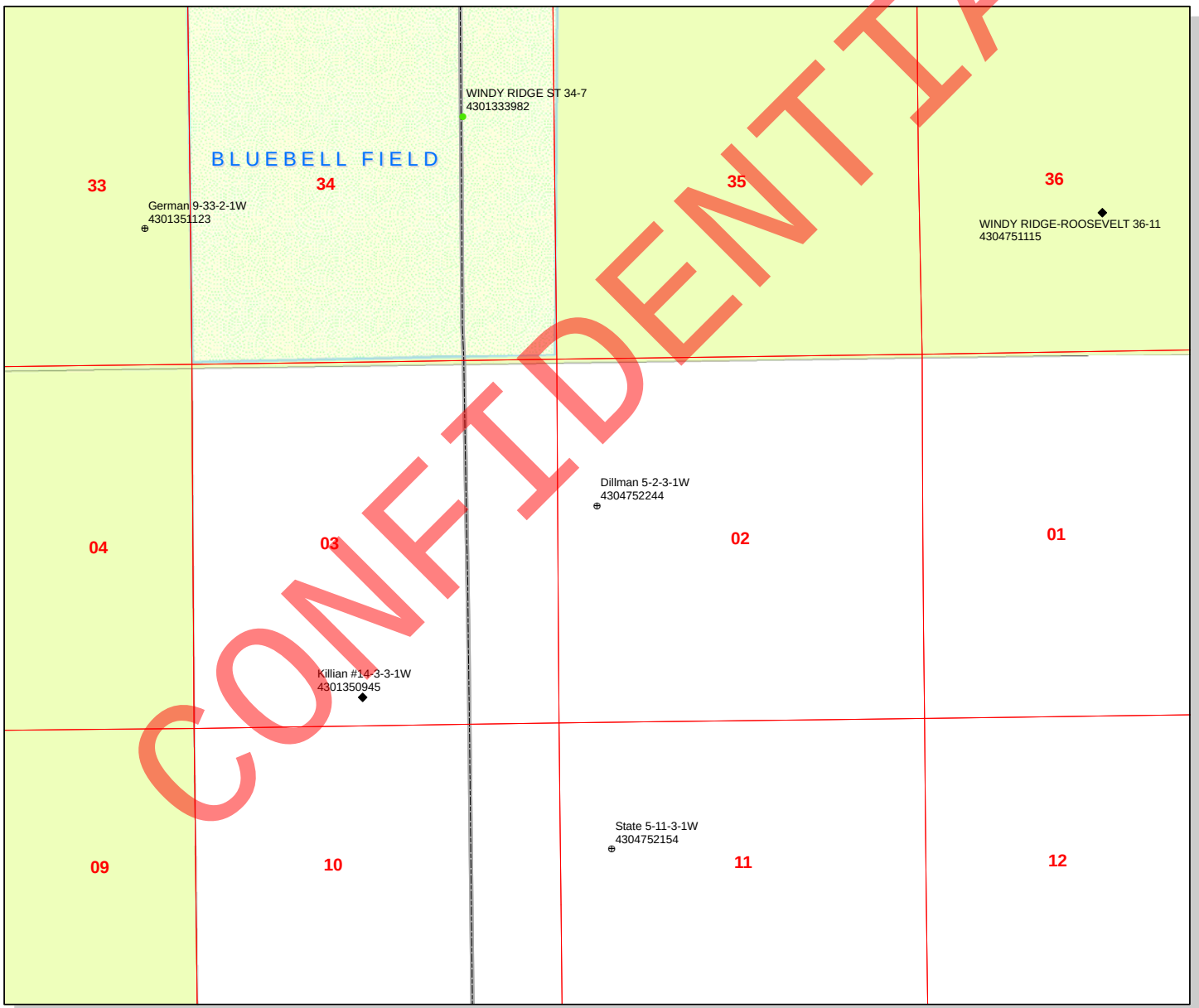
DRAWN BY: F.T.M.	DATE DRAWN: 11-03-11	V2	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 11-29-11		

RECEIVED: December 16, 2011

API Well Number: 43047522440000



API Number: 4304752244

Well Name: Dillman 5-2-3-1W

Township T0.3 . Range R0.1 . Section 02

Meridian: UBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
Unknown
ABANDONED
ACTIVE
COMBINED
INACTIVE
STORAGE
TERMINATED

Wells Query
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LA - Location Abandoned
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
RET - Returned APD
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well

1,900 950 0 1,900 Feet

1:17,870

RECEIVED: December 16, 2011

API Well Number: 43047522440000

BOPE REVIEW NEWFIELD PRODUCTION COMPANY Dillman 5-2-3-1W 43047522440000

Well Name	NEWFIELD PRODUCTION COMPANY Dillman 5-2-3-1W 4304752244(			
String	COND	SURF	I1	PROD
Casing Size(")	14.000	9.625	7.000	4.500
Setting Depth (TVD)	60	1000	8410	10600
Previous Shoe Setting Depth (TVD)	0	60	1000	8410
Max Mud Weight (ppg)	8.3	8.3	9.5	11.5
BOPE Proposed (psi)	0	500	5000	5000
Casing Internal Yield (psi)	1000	3250	9950	10690
Operators Max Anticipated Pressure (psi)	6063			11.0

Calculations	COND String	14.000 "	
Max BHP (psi)	.052*Setting Depth*MW=	26	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	19	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	13	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	13	NO
Required Casing/BOPE Test Pressure=		60	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	SURF String	9.625 "	
Max BHP (psi)	.052*Setting Depth*MW=	432	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	312	YES diverter
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	212	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	225	NO Reasonable
Required Casing/BOPE Test Pressure=		1000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		60	psi *Assumes 1psi/ft frac gradient

Calculations	I1 String	7.000 "	
Max BHP (psi)	.052*Setting Depth*MW=	4155	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3146	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2305	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2525	NO Reasonable
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi *Assumes 1psi/ft frac gradient

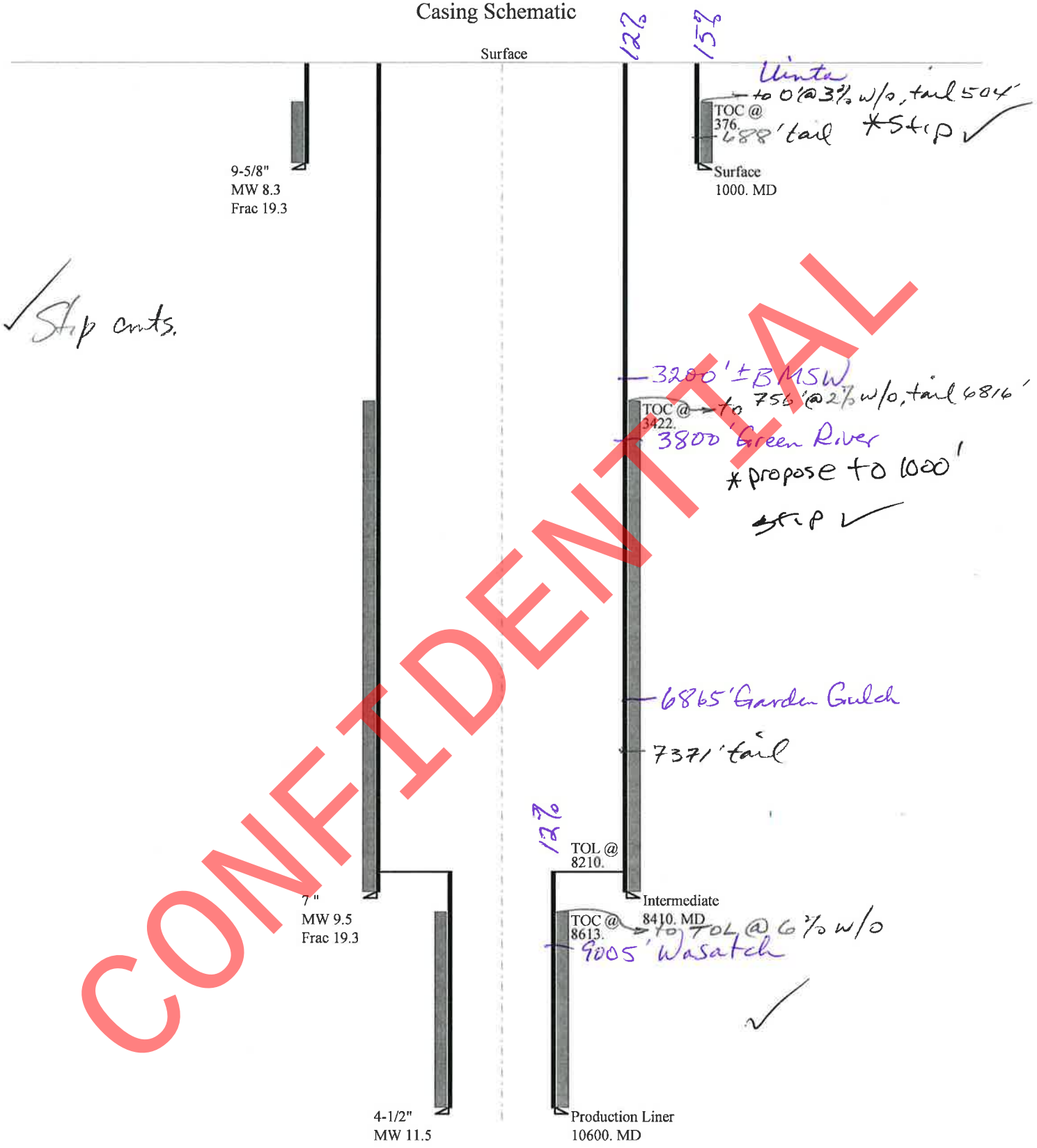
Calculations	PROD String	4.500 "	
Max BHP (psi)	.052*Setting Depth*MW=	6339	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5067	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4007	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	5857	YES
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		8410	psi *Assumes 1psi/ft frac gradient

RECEIVED: February 08, 2012

API Well Number: 43047522440000

43047522440000 Dillman 5-2-3-1W

Casing Schematic



API Well Number: 43047522440000

Well name:	**43047522440000 Dillman 5-2-3-1W**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Surface
Project ID:	43-047-52244
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 880 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,000 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 877 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 88 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 376 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 8,410 ft
Next mud weight: 9.500 ppg
Next setting BHP: 4,150 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,000 ft
Injection pressure: 1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	1000	9.625	36.00	J-55	ST&C	1000	1000	8.796	8692

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	433	2020	4.668	1000	3520	3.52	36	394	10.94 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: February 2,2012
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43047522440000

Well name:	**43047522440000 Dillman 5-2-3-1W**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Intermediate
Project ID:	43-047-52244
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 4,000 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,851 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 7,205 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 192 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 3,422 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 10,600 ft
Next mud weight: 11.500 ppg
Next setting BHP: 6,332 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 8,410 ft
Injection pressure: 8,410 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	8410	7	26.00	P-110	LT&C	8410	8410	6.151	87422

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4150	6230	1.501	5851	9950	1.70	218.7	693	3.17 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: February 2,2012
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 8410 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43047522440000

Well name:	**43047522440000 Dillman 5-2-3-1W**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Production Liner
Project ID:	43-047-52244
Location:	UINTAH COUNTY

Design parameters:

Collapse

Mud weight:	11.500 ppg
Internal fluid density:	1.000 ppg

Burst

Max anticipated surface pressure:	4,000 psi
Internal gradient:	0.220 psi/ft
Calculated BHP	6,332 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor	1.125

Burst:

Design factor	1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.60 (B)

Tension is based on air weight.
Neutral point: 10,187 ft

Environment:

H2S considered?	No
Surface temperature:	74 °F
Bottom hole temperature:	222 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,000 ft
Cement top:	8,613 ft
Liner top:	8,210 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	2400	4.5	11.60	P-110	LT&C	10600	10600	3.875	11563

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5782	7580	1.311	6332	10690	1.69	27.8	279	10.02 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: February 2,2012
Salt Lake City, Utah

Remarks:
For this liner string, the top is rounded to the nearest 100 ft.Collapse is based on a vertical depth of 10600 ft, a mud weight of 11.5 ppg An Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Dillman 5-2-3-1W
API Number 43047522440000 **APD No** 5042 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 SWNW **Sec** 2 **Tw** 3.0S **Rng** 1.0W 2127 FNL 568 FWL
GPS Coord (UTM) **Surface Owner** Jason A. & Lora L. Riley

Participants

Tim Eaton - Newfield, Forrest Bird - Newfield, Zander McIntire-Newfield, Mark Jones - DOGM, Chris Jensen - DOGM, Jason Riley - Landowner

Regional/Local Setting & Topography

Proposed location is fallow farm land approximately 3.2 miles south of Rooselt , Utah. Ground is over run with weeds, particularly halogeton, and may have been used historically as grazing. Ground shows signs of decades of no use or water. To the north and very near the corner (4a) is an existing canal named the North lateral which may drain to Dry Gulch approximately 1 mile east. Landowner is not aware of water having been in the canal for decades nor does he have plans to divert water into it. The location is moderatley flat with slopes less than 2 %.

Surface Use Plan

Current Surface Use
Agricultural

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.099	**Width** 300 **Length** 400	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Fallow farm ground completely overrun with weeds. No agricultural use evident for decades. May have once been used for grazing. Dominant vegetaion- Halogeton, sparse black brush, sage and foxtail.

Soil Type and Characteristics

soils are described as Uffens Loam

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

if canal is put in to service, regular maintenance will be requied of the cut side bank

Drainage Diverson Required? N

Berm Required? N

Erosion Sedimentation Control Required? Y

Paleo Survey Run? N **Paleo Potental Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	100 to 200	15
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations		
Presence Nearby Utility Conduits	Present	15
	Final Score	55 3 Sensitivity Level

Characteristics / Requirements

reserve pit is proposed to be 60' by 100 ' dug 8' deep. Pit will be constructed on the North side of well pad. Pit will be lined as is the normal practice of operator and stated in plans.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** N

Other Observations / Comments

The operator has surface agreement in place with the landowner. I was made aware that some concessions were made to the landowner. This location has been chosen on the far southern boundary of the spacing window to give a more favorable seperation distance for the future construction of a residential home. Landowner also expressed an interest in the well head being moved to the western most boundary of the spacing window as well. I reject this request as there are potential issues with spacing requirements for existing residential housing and encroachment upon the canal and possible existing right of way. Land owner and operator representatives were made aware of the decision at the time.

Chris Jensen	1/10/2012
Evaluator	**Date / Time**

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
5042	43047522440000	LOCKED	OW	P	No

Operator	NEWFIELD PRODUCTION COMPANY	**Surface Owner-APD**	Jason A. & Lora L. Riley
Well Name	Dillman 5-2-3-1W	**Unit**	
Field	UNDESIGNATED	**Type of Work**	DRILL
Location	SWNW 2 3S 1W U 2127 FNL 568 FWL GPS Coord (UTM) 587534E 4456332N		

Geologic Statement of Basis

Newfield proposes to set 60' of conductor and 1,000' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 3,200'. A search of Division of Water Rights records shows 4 water wells within a 10,000 foot radius of the center of Section 2. All wells are located over 1 mile from the proposed location. Depths range from 30 to 300 feet. Only 1 well exceeds 46 feet in depth. Water use is listed as irrigation, stock watering, and domestic use. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Intermediate casing cement should be brought up to or above the base of the moderately saline ground water in order to isolate it from fresher waters uphole.

Brad Hill — **APD Evaluator**

1/17/2012 — **Date / Time**

Surface Statement of Basis

The location is proposed in the best possible position within the spacing window. The soil type and topography at present do not combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions. Construction standards of the Operator appear to be adequate for the proposed purpose. I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. The landowner was invited and was in attendance for the pre-site inpsection with comments noted. The operator has surface agreement in place with the landowner. The location should be bermed to prevent spills from leaving the confines of the pad. Fencing around the reserve pit will be necessary once the well is drilled to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit.

Chris Jensen — **Onsite Evaluator**

1/10/2012 — **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: February 16, 2012

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/16/2011 **API NO. ASSIGNED:** 43047522440000

WELL NAME: Dillman 5-2-3-1W

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: SWNW 02 030S 010W **Permit Tech Review:** ☑

SURFACE: 2127 FNL 0568 FWL **Engineering Review:** ☑

BOTTOM: 2127 FNL 0568 FWL **Geology Review:** ☑

COUNTY: UINTAH

LATITUDE: 40.25287 **LONGITUDE:** -109.97073

UTM SURF EASTINGS: 587534.00 **NORTHINGS:** 4456332.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 4 - Fee

LEASE NUMBER: Patented **PROPOSED PRODUCING FORMATION(S):** WASATCH

SURFACE OWNER: 4 - Fee **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** STATE - B001834
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☑ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: R649-3-2

Effective Date:

Siting:

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
5 - Statement of Basis - bhill
12 - Cement Volume (3) - ddoucet
23 - Spacing - dmason
25 - Surface Casing - ddoucet

RECEIVED: February 16, 2012

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: Dillman 5-2-3-1W
API Well Number: 43047522440000
Lease Number: Patented
Surface Owner: FEE (PRIVATE)
Approval Date: 2/16/2012

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the “Board”). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 7" intermediate string shall be determined from actual hole

diameter in order to place cement from the pipe setting depth back to 1000' MD minimum as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan contact Dustin Doucet
- Significant plug back of the well contact Dustin Doucet
- Plug and abandonment of the well contact Dustin Doucet

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
  at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

API Well No: 43047522440000

Approved By:

For John Rogers
Associate Director, Oil & Gas

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 29 Submitted By Brent Peeples Phone Number 435-401-8346
Well Name/Number Dillman 5-2-3-1W
Qtr/Qtr SW/NW Section 2 Township 3S Range 1W
Lease Serial Number Patented
API Number 43-047522440000

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 3/30/2012 9:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 3/30/2012 3:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
Patented

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Dillman 5-2-3-1W

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43047522440000

3. ADDRESS OF OPERATOR:
Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2127 FNL 0568 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWNW Section: 02 Township: 03.0S Range: 01.0W Meridian: U

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 4/30/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield Production Company respectfully requests that the intermediate casing depth be deepened 505 feet to a new depth of 8,915 feet: Cause: To obtain image and other logs in the lower black shale through CP Limes. Justification: Based on the offset Killian 14-3-3-1 (1 mile to the Southwest of the Dillman), pressures should not exceed 10.5 ppge. As a precaution, the surface shoe of the Dillman will be pressure tested to a 11.5 ppge via FIT test. Schematic: please find attached.

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent
SIGNATURE		**DATE**
N/A		4/25/2012

RECEIVED: Apr. 25, 2012

NEWFIELD
ROCKY MOUNTAINS

Well: Dillman 5-2-3-1W
Field: Central Basin
Legal: SW/NW Section 2, T3S, R1W, Duchesne County, UT

Engineer: Ryan Johnson
Rig: Capstar 329
Elevation: 4987'

Logging	Formation	Depth TVD	Depth MD	Wellbore Diagram	Hole Size	Casing Specs	Cement Temp	Mud	Directional
	Uinta	surface			12-1/4"	9-5/8", 36# J-55, LTC	Cement to surface	Air/Water	Vertical
None	Surface	1,000'	1,000'						
	Green River	3,800'	3,800'				Lead cement to 500'	KCl water	Vertical
	Garden Gulch	6,865'	6,865'		8-3/4"	7", 26# P-110, LTC	Tail cement to 6,865		
	Douglas Creek	7,840'	7,840'					KCl water based mud	
	Liner top	8,615'	8,615'						Vertical
Quad Combo, 100 SWC, Image Log	Basal Lime	8880'	8880'						
	7" casing point	8,915'	8,915'				175º F	9.5 ppg	
	Wasatch	9,005'	9,005'		6-1/8"	4-1/2", 11.6# P-110, LTC	Fully cemented with "tail" blend	KCl water based mud	Vertical
Quad Combo	TD	10,600'	10,600'				195º F	12.5 ppg	

RECEIVED: Apr. 25, 2012

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400	4301350549	GMBU X-5-9-17	NWNW	8	9S	17E	DUCHESNE	4/2/2012	4/24/12
WELL 1 COMMENTS: GRRV											
A	99999	18494	4304752244	DILLMAN 5-2-3-1	SWNW	2	3S	1W	UINTAH	4/2/2012	4/24/12
WSTC										CONFIDENTIAL	

ACTION CODES (See instructions on back of form)
A - new entity for new well (single well only)
B - well to existing entity (group or unit well)
C - from one existing entity to another existing entity
D - well from one existing entity to a new entity
E - ther (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

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APR 11 2012
Div. of Oil, Gas & Mining

Signature: Tabitha Timothy
Production Clerk 04/05/12

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME: UINTA CB - WASATCH DEEP

1. TYPE OF WELL: OIL WELL [x] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: DILLMAN 5-2-3-1W

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4304752244

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER: 435.646.3721

10. FIELD AND POOL, OR WILDCAT: UINTA CENTRAL BASIN

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 2127 FNL 0568 FWL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 2, T3S, R1W

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[x] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
04/03/2012	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[x] OTHER: - Spud Notice
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 4/2/12 MIRU Ross #31. Spud well @9:00 AM. Drill 1080' of 12 1/4" hole with air mist. TIH W/ 25 Jt's 9 5/8" J-55 24# csgn. Set @ 1057.67'. On 4/3/12 cement with 440 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 10 barrels cement to pit. WOC.

NAME (PLEASE PRINT) Branden Arnold TITLE

SIGNATURE [signature] DATE 04/04/2012

(This space for State use only)

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APR 19 2012
DIV. OF OIL, GAS & MINING

Casing / Liner Detail

Well	Dillman 5-2-3-1W
Prospect	Central Basin
Foreman	
Run Date:	
String Type	Surface, 9.625", 24#, J-55, LTC (Generic)

- Detail From Top To Bottom -

Depth	*Length*	*JTS*	*Description*	*OD*	*ID*
1,058.25	1.42		Wellhead		
1,059.67	-2.00		Cutoff		
13.00	42.05	1	Shoe Joint	9.625	
55.05	1001.20	24	9 5/8" Casing	9.625	
1,056.25	2.00	1	Float/Guide Shoe	9.625	
1,057.67			KB		

Cement Detail

Cement Company: BJ

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft^3)	Description - Slurry Class and Additives
Slurry 1	440	15.8	1.17	514.8	Class "G"+2%CaCl

Stab-In-Job?	No
BHT:	0
Initial Circulation Pressure:	
Initial Circulation Rate:	
Final Circulation Pressure:	
Final Circulation Rate:	
Displacement Fluid:	Water
Displacement Rate:	
Displacement Volume:	81.1
Mud Returns:	
Centralizer Type And Placement:	
Total of five.	

Cement To Surface?	Yes
Est. Top of Cement:	0
Plugs Bumped?	Yes
Pressure Plugs Bumped:	1274
Floats Holding?	No
Casing Stuck On / Off Bottom?	No
Casing Reciprocated?	No
Casing Rotated?	No
CIP:	18:03
Casing Wt Prior To Cement:	
Casing Weight Set On Slips:	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Patented

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: Dillman 5-2-3-1W

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047522440000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2127 FNL 0568 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 02 Township: 03.0S Range: 01.0W Meridian: U

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 5/1/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield Production Company respectfully requests that the intermediate casing depth be deepened 505 feet to a new depth of 8,915 feet: Cause: To obtain image and other logs in the lower black shale through CP Limes. Justification: Based on the offset Killian 14-3-3-1 (1 mile to the Southwest of the Dillman), pressures should not exceed 10.5 ppge. As a precaution, the surface shoe of the Dillman will be pressure tested to a 11.5 ppge via FIT test. Schematic: please find attached.

Approved by the Utah Division of Oil, Gas and Mining

Date: May 14, 2012

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent
SIGNATURE N/A		**DATE** 4/30/2012

RECEIVED: Apr. 30, 2012

NEWFIELD
ROCKY MOUNTAINS

Well: Dillman 5-2-3-1W
Field: Central Basin
Legal: SW/NW Section 2, T3S, R1W, Duchesne County, UT

Engineer: Ryan Johnson
Rig: Capstar 329
Elevation: 4987'

Logging	Formation	Depth TVD	Depth MD	Wellbore Diagram	Hole Size	Casing Specs	Cement Temp	Mud	Directional
	Uinta	surface			12-1/4"	9-5/8", 36# J-55, LTC	Cement to surface	Air/Water	Vertical
None	Surface	1,000'	1,000'						
	Green River	3,800'	3,800'				Lead cement to 500'	KCl water	Vertical
	Garden Gulch	6,865'	6,865'		8-3/4"	7", 26# P-110, LTC	Tail cement to 6,865		
	Douglas Creek	7,840'	7,840'					KCl water based mud	
	Liner top	8,615'	8,615'						Vertical
Quad Combo, 100 SWC, Image Log	Basal Lime	8880'	8880'						
	7" casing point	8,915'	8,915'				175º F	9.5 ppg	
	Wasatch	9,005'	9,005'		6-1/8"	4-1/2", 11.6# P-110, LTC	Fully cemented with "tail" blend	KCl water based mud	Vertical
Quad Combo	TD	10,600'	10,600'				195º F	12.5 ppg	

RECEIVED: Apr. 30, 2012

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Patented

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
DILLMAN 5-2-3-1W

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43047522440000

3. ADDRESS OF OPERATOR:
Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2127 FNL 0568 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWNW Section: 02 Township: 03.0S Range: 01.0W Meridian: U

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 6/12/2012	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well was placed on production on 06/12/2012 at 13:30 hours. The above well was placed on pump on 07/27/2012 at 18:00 hours. Production Start Sundry resent 10/05/2012.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 12, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kaci Deveraux	435 646-4867	Production Technician
SIGNATURE		**DATE**
N/A		10/5/2012

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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5.LEASE DESIGNATION AND SERIAL NUMBER: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: Oil Well

8. WELL NAME and NUMBER: DILLMAN 5-2-3-1W

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047522440000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2127 FNL 0568 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 02 Township: 03.0S Range: 01.0W Meridian: U

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 6/12/2012	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well was placed on production on 06/12/2012 at 13:30 hours. The above well was placed on pump on 07/27/2012 at 18:00 hours. Production Start Sundry resent 10/05/2012.

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kaci Deveraux	435 646-4867	Production Technician
SIGNATURE N/A		**DATE** 10/5/2012

Daily Activity Report

Format For Sundry
DILLMAN 5-2-3-1W
4/1/2012 To 8/30/2012

5/24/2012 Day: 1 **Completion**

Rigless on 5/24/2012 - RUMU WFD frac tree and test. - SWIFDFIT and RDMO Baker Hughes Cement pump and ITL freshwater transport. - Taking nightcap off of tbg head taking way too long as the bolts have been over-torqued. Hydraulic wrenches will not work and one hammer wrench broken. - SWIFDFIT and RDMO Baker Hughes Cement pump and ITL freshwater transport. - SWIFDFIT and RDMO Baker Hughes Cement pump and ITL freshwater transport. - Never saw a break. Looked like formation had already broke down. Consulted with C.Barber for okay on injection. ISIP: 4800; 5M: 4617; 10M: 4542; 15M: 4520; 20M: 4517; 25M: 4492; 30M: 4492. - Never saw a break. Looked like formation had already broke down. Consulted with C.Barber for okay on injection. ISIP: 4800; 5M: 4617; 10M: 4542; 15M: 4520; 20M: 4517; 25M: 4492; 30M: 4492. - Never saw a break. Looked like formation had already broke down. Consulted with C.Barber for okay on injection. ISIP: 4800; 5M: 4617; 10M: 4542; 15M: 4520; 20M: 4517; 25M: 4492; 30M: 4492. - Started back into the pump job @ 6.5 BPM, 5168# max pressure seen. SD with 24 Bbls(1000 gal) injected into formation. - Started back into the pump job @ 6.5 BPM, 5168# max pressure seen. SD with 24 Bbls(1000 gal) injected into formation. - Started back into the pump job @ 6.5 BPM, 5168# max pressure seen. SD with 24 Bbls(1000 gal) injected into formation. - With 14.7 bbls gone, BH had to SD due to no air pressure for throttle. 4842# on SD. - With 14.7 bbls gone, BH had to SD due to no air pressure for throttle. 4842# on SD. - With 14.7 bbls gone, BH had to SD due to no air pressure for throttle. 4842# on SD. - Started pumping DFIT Pumping 3.6 BPM @ 4993#. - Started pumping DFIT Pumping 3.6 BPM @ 4993#. - Started pumping DFIT Pumping 3.6 BPM @ 4993#. - Pressure test pump lines to 9000K. - Pressure test pump lines to 9000K. - Pressure test pump lines to 9000K. - RU 1502 flanged adapter to casing valves. RU 1502 tee to flanged adapter. Install night cap to the top of the frac tree. Install dual DFIT gauges coming off the casing valves. - RU 1502 flanged adapter to casing valves. RU 1502 tee to flanged adapter. Install night cap to the top of the frac tree. Install dual DFIT gauges coming off the casing valves. - RU 1502 flanged adapter to casing valves. RU 1502 tee to flanged adapter. Install night cap to the top of the frac tree. Install dual DFIT gauges coming off the casing valves. - Safety meeting with Benco Anchor Servicers. Discussion on emergency phone number, driving on roads, pinch points, PPE and the right to stop work for safety reasons and PPE. MIRU Baker Hughes cement pump to 2 1/16" dual gates coming off of the flow cross. - Safety meeting with Benco Anchor Servicers. Discussion on emergency phone number, driving on roads, pinch points, PPE and the right to stop work for safety reasons and PPE. MIRU Baker Hughes cement pump to 2 1/16" dual gates coming off of the flow cross. - Safety meeting with Benco Anchor Servicers. Discussion on emergency phone number, driving on roads, pinch points, PPE and the right to stop work for safety reasons and PPE. MIRU Baker Hughes cement pump to 2 1/16" dual gates coming off of the flow cross. - POOH. Inspect perf guns. All shots fired. SWIFN. RD & release wireline crew. - POOH. Inspect perf guns. All shots fired. SWIFN. RD & release wireline crew. - POOH. Inspect perf guns. All shots fired. SWIFN. RD & release wireline crew. - RBIH w/ 3" Titan Disposable perf guns. Perforate first stage w/ 3 SPF @ 9879.5'-9882.5'. - RBIH w/ 3" Titan Disposable perf guns. Perforate first stage w/ 3 SPF @ 9879.5'-9882.5'. - RBIH w/ 3" Titan Disposable perf guns. Perforate first stage w/ 3 SPF @ 9879.5'-9882.5'. - RUWL to BOP stack. Test lubricator to 4500 psi. Good test. Release pressure. Open master valve & RIH w/ 3" Titan Disposable perf guns. Attempt to perforate first stage w/ 3 SPF @ 9879.5'-9882.5'. Miss fire. POOH. Inspect guns. No fire. Rebuild guns. - RUWL to BOP stack. Test lubricator to 4500 psi. Good test. Release pressure. Open master valve & RIH w/ 3" Titan Disposable perf guns. Attempt to perforate first stage w/ 3 SPF @ 9879.5'-9882.5'. Miss fire. POOH. Inspect guns. No fire. Rebuild guns. - RUWL to BOP stack. Test lubricator to 4500 psi. Good test. Release pressure. Open master valve & RIH w/ 3" Titan

Disposable perf guns. Attempt to perforate first stage w/ 3 SPF @ 9879.5'-9882.5'. Miss fire. POOH. Inspect guns. No fire. Rebuild guns. - Load Prefered Hotoil Service w/ 40 bbls fresh water from ITL transport. RU hotoiler to well. Pump 2 bbls H2O & casing full. Pressure casing to 4500 psi w/ hotoiler. Shut in well. Bleedoff pressure to hotoiler. Pressure test casing to 9000 psi for 30 min. with WFD testers. Chart pressure test. Good test. Release pressure. - Load Prefered Hotoil Service w/ 40 bbls fresh water from ITL transport. RU hotoiler to well. Pump 2 bbls H2O & casing full. Pressure casing to 4500 psi w/ hotoiler. Shut in well. Bleedoff pressure to hotoiler. Pressure test casing to 9000 psi for 30 min. with WFD testers. Chart pressure test. Good test. Release pressure. - Load Prefered Hotoil Service w/ 40 bbls fresh water from ITL transport. RU hotoiler to well. Pump 2 bbls H2O & casing full. Pressure casing to 4500 psi w/ hotoiler. Shut in well. Bleedoff pressure to hotoiler. Pressure test casing to 9000 psi for 30 min. with WFD testers. Chart pressure test. Good test. Release pressure. - MI and spot WFD test unit and Heat Waves HO. Held safety meeting to discuss testing opertations. - MI and spot WFD test unit and Heat Waves HO. Held safety meeting to discuss testing opertations. - MI and spot WFD test unit and Heat Waves HO. Held safety meeting to discuss testing opertations. - Pressure test lubricator to 4500 psi. RIH w/ 3.75" gauge ring. Tag @ 10,261'. POH w/ gauge ring. MU bond log tool. Pressure test lubricator to 4500 psi. RIH & run bond log to surface w/ 0 psi on well. Max recorded temp 215°. Cement top @ 1098'. - Pressure test lubricator to 4500 psi. RIH w/ 3.75" gauge ring. Tag @ 10,261'. POH w/ gauge ring. MU bond log tool. Pressure test lubricator to 4500 psi. RIH & run bond log to surface w/ 0 psi on well. Max recorded temp 215°. Cement top @ 1098'. - Pressure test lubricator to 4500 psi. RIH w/ 3.75" gauge ring. Tag @ 10,261'. POH w/ gauge ring. MU bond log tool. Pressure test lubricator to 4500 psi. RIH & run bond log to surface w/ 0 psi on well. Max recorded temp 215°. Cement top @ 1098'. - MI The Perforators. Held safety meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. RU Perforators LLC WLT. PUNU 5K X10K adapter spool. PU 3.75" GR and stab lubricator. - MI The Perforators. Held safety meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. RU Perforators LLC WLT. PUNU 5K X10K adapter spool. PU 3.75" GR and stab lubricator. - MI The Perforators. Held safety meeting, discussed location hazards, recent NFX incidents, job procedure, emergency plans, meeting point. RU Perforators LLC WLT. PUNU 5K X10K adapter spool. PU 3.75" GR and stab lubricator. - Safety meeting with Benco Anchor Servicers. Discussion on emergency phone number, driving on roads, pinch points, PPE and the right to stop work for safety reasons and PPE. Benco Anchor Servicers. On location setting rig Anchors. - Safety meeting with Benco Anchor Servicers. Discussion on emergency phone number, driving on roads, pinch points, PPE and the right to stop work for safety reasons and PPE. Benco Anchor Servicers. On location setting rig Anchors. - Safety meeting with Benco Anchor Servicers. Discussion on emergency phone number, driving on roads, pinch points, PPE and the right to stop work for safety reasons and PPE. Benco Anchor Servicers. On location setting rig Anchors. - Test frac tree and all vlv's w/ 250 low/5 min. and 9000 high/10 min. All good tests. Unland hanger and SWIFN. - Test frac tree and all vlv's w/ 250 low/5 min. and 9000 high/10 min. All good tests. Unland hanger and SWIFN. - Test frac tree and all vlv's w/ 250 low/5 min. and 9000 high/10 min. All good tests. Unland hanger and SWIFN. - Hookup accumulator to HCR and function test. Try to test frac tree and SD to tighten 2 packing nuts. - Hookup accumulator to HCR and function test. Try to test frac tree and SD to tighten 2 packing nuts. - Hookup accumulator to HCR and function test. Try to test frac tree and SD to tighten 2 packing nuts. - PU 7 1/16" manual 10K frac vlv and stab onto WH. PU and stab flow cross/dual 2 1/16" 10K gates and upper 7 1/16" manual 10K frac vlv. MU w/ torque unit. - PU 7 1/16" manual 10K frac vlv and stab onto WH. PU and stab flow cross/dual 2 1/16" 10K gates and upper 7 1/16" manual 10K frac vlv. MU w/ torque unit. - PU 7 1/16" manual 10K frac vlv and stab onto WH. PU and stab flow cross/dual 2 1/16" 10K gates and upper 7 1/16" manual 10K frac vlv. MU w/ torque unit. - Cap finally off. Stabbed HCR. Seaboard didn't deliver a tree or hanger. Couldn't get ahold of service hands or anyone in the office. Borrowed the 7" Cameron hanger from the GDR Brothers 7-2-3-2W and installed a dual BPV. Landed the hanger in the tbg head. - Cap finally off. Stabbed HCR. Seaboard didn't deliver a tree or hanger. Couldn't get ahold of service hands or anyone in the office. Borrowed the 7" Cameron hanger from the GDR Brothers 7-2-3-2W and installed a dual

BPV. Landed the hanger in the tbg head. - Cap finally off. Stabbed HCR. Seaboard didn't deliver a tree or hanger. Couldn't get ahold of service hands or anyone in the office. Borrowed the 7" Cameron hanger from the GDR Brothers 7-2-3-2W and installed a dual BPV. Landed the hanger in the tbg head. - Taking nightcap off of tbg head taking way too long as the bolts have been over-torqued. Hydraulic wrenches will not work and one hammer wrench broken. - Taking nightcap off of tbg head taking way too long as the bolts have been over-torqued. Hydraulic wrenches will not work and one hammer wrench broken.
Daily Cost: $0
Cumulative Cost: $5,310

5/27/2012 Day: 4 **Completion**

Rigless on 5/27/2012 - Transfer frac tanks & frac water. - 09:00 ¿ Winch trucks on Killian 14-3-3-1W to transfer frac tanks to Dillman 5-2-3-1W. Begin transferring tanks. 09:30 ¿ Water trucks on Killian 14-3-3-1W to transfer frac water to Dillman 5-2-3-1W. Begin transferring frac water. 15:00 ¿ Last frac tank & flowback tank transferred to Dillman 5-2-3-1W & trucks off location. 15:45 ¿ Last load of water transferred from Killian 14-3-3-1W to Dillman 5-2-3-1W. Trucks off location.
Daily Cost: $0
Cumulative Cost: $32,532

6/4/2012 Day: 5 **Completion**

Rigless on 6/4/2012 - Respot flow back tanks - Order loader, manlift & light plants from Select Rtentals. Reposition flowback tanks. Spot Baker sand kings & set up water manifold.
Daily Cost: $0
Cumulative Cost: $46,342

6/7/2012 Day: 6 **Completion**

Rigless on 6/7/2012 - o - RU wireline, psi test lubricator to 5000#-good test. Perforate stg 4 @ 9265-9266', 9232-9235', 9170-9172', 9142-9144',9094-9095'. Set Haliburton solid plug @ 9290'. SWIFN @ 1900 - RU wireline, psi test lubricator to 5000#-good test. Perforate stg 4 @ 9265-9266', 9232-9235', 9170-9172', 9142-9144',9094-9095'. Set Haliburton solid plug @ 9290'. SWIFN @ 1900 - RU wireline, psi test lubricator to 5000#-good test. Perforate stg 4 @ 9265-9266', 9232-9235', 9170-9172', 9142-9144',9094-9095'. Set Haliburton solid plug @ 9290'. SWIFN @ 1900 - Psi test frac iron to 9000#-good test. Pumped 138,835# 20/40 White, 11,105# 20/40 SLC. AVG rate=52.5bpm, AVG psi=5772. 2818 bbls to recover. Lost 1 frac pump due to rocks in fluid end valves. Able to fix on location. - Psi test frac iron to 9000#-good test. Pumped 138,835# 20/40 White, 11,105# 20/40 SLC. AVG rate=52.5bpm, AVG psi=5772. 2818 bbls to recover. Lost 1 frac pump due to rocks in fluid end valves. Able to fix on location. - Psi test frac iron to 9000#-good test. Pumped 138,835# 20/40 White, 11,105# 20/40 SLC. AVG rate=52.5bpm, AVG psi=5772. 2818 bbls to recover. Lost 1 frac pump due to rocks in fluid end valves. Able to fix on location. - RU wireline, psi test lubricator to 5000#-good test. Perforate stg 3 @ 9516-9518', 9501-9502', 9427-9428', 9390-9391', 9341-9343', 9319-9321'. Set Haliburton plug @ 9545'. - RU wireline, psi test lubricator to 5000#-good test. Perforate stg 3 @ 9516-9518', 9501-9502', 9427-9428', 9390-9391', 9341-9343', 9319-9321'. Set Haliburton plug @ 9545'. - RU wireline, psi test lubricator to 5000#-good test. Perforate stg 3 @ 9516-9518', 9501-9502', 9427-9428', 9390-9391', 9341-9343', 9319-9321'. Set Haliburton plug @ 9545'. - Psi test frac iron to 9000#-good test, frac stg 2 - pumped 108,494 20/40 White, 16,366 SLC. AVG rate=54.9 AVG psi=5823, 2478 bbls to recover. Lost 2 frac pumps due to losing valves in the fluid ends. Able to repair between stages, rocks in the valves. - Psi test frac iron to 9000#-good test, frac stg 2 -pumped

108,494 20/40 White, 16,366 SLC. AVG rate=54.9 AVG psi=5823, 2478 bbls to recover. Lost 2 frac pumps due to losing valves in the fluid ends. Able to repair between stages, rocks in the valves. - Psi test frac iron to 9000#-good test, frac stg 2 -pumped 108,494 20/40 White, 16,366 SLC. AVG rate=54.9 AVG psi=5823, 2478 bbls to recover. Lost 2 frac pumps due to losing valves in the fluid ends. Able to repair between stages, rocks in the valves. - RU Perforators wireline, psi test lubricator to 5000#-good test. Perforate stg2 @ 9749-9752', 9711-9712', 9635-9636', 9614-9617', 9566-9567'. Set Haliburton plug @ 9810'. - RU Perforators wireline, psi test lubricator to 5000#-good test. Perforate stg2 @ 9749-9752', 9711-9712', 9635-9636', 9614-9617', 9566-9567'. Set Haliburton plug @ 9810'. - RU Perforators wireline, psi test lubricator to 5000#-good test. Perforate stg2 @ 9749-9752', 9711-9712', 9635-9636', 9614-9617', 9566-9567'. Set Haliburton plug @ 9810'. - Frac stg1- Pumped 112,180# 20/40 White, 11,744# SLC. AVG Rate=56.8, AVG psi=6443. 2,546 bbls to recover. - Frac stg1- Pumped 112,180# 20/40 White, 11,744# SLC. AVG Rate=56.8, AVG psi=6443. 2,546 bbls to recover. - Frac stg1- Pumped 112,180# 20/40 White, 11,744# SLC. AVG Rate=56.8, AVG psi=6443. 2,546 bbls to recover. - Finish RU Baker Hughes frac iron to WH. Safety mtg, pressure test all frac iron to 9000#, change out 'o' ring, re-test-good test. - Finish RU Baker Hughes frac iron to WH. Safety mtg, pressure test all frac iron to 9000#, change out 'o' ring, re-test-good test. - Finish RU Baker Hughes frac iron to WH. Safety mtg, pressure test all frac iron to 9000#, change out 'o' ring, re-test-good test. - RU Perforators wireline & Weatherfrod test truck. Test lube to 7300#-good test. RIH w/wireline, perforate stg 1 @ 10078-10081', 10014-10015', 9918-9920'. Existing DFIT perfs @ 9879.5-9882.5'. - RU Perforators wireline & Weatherfrod test truck. Test lube to 7300#-good test. RIH w/wireline, perforate stg 1 @ 10078-10081', 10014-10015', 9918-9920'. Existing DFIT perfs @ 9879.5-9882.5'. - RU Perforators wireline & Weatherfrod test truck. Test lube to 7300#-good test. RIH w/wireline, perforate stg 1 @ 10078-10081', 10014-10015', 9918-9920'. Existing DFIT perfs @ 9879.5-9882.5'.

Daily Cost: $0
Cumulative Cost: $48,614

6/8/2012 Day: 9 **Completion**

Rigless on 6/8/2012 - Hydraulic Fracture STG. 4,5, - PJSM with all crew members on location, prime and test lines to 9,000 PSI. Test good prepare to start stage 4 HF. - 1216 PM On .75 PPG prop on perfs lost 1 pump due to trans overheating went from 56 BPM to 43 BPM pressure climbed to 7,084 PSI before pump went down. X-Link on perfs at 42.6 BPM at 6,800 PSI. Cut sand X-Link and flush. Shut down with ISIP 4,561 PSI. Swap out pump with with pump in route to location. 1445 PM Pump arrives and swap out and rig up pump. Prepare to pressure test lines and continue with stage 5 HF - 1545 PM Resume stage 5 HF live 4,198 psi. 1545 PM ¿ 1645 PM Hydraulic Fracure Stage 5 as follows: Location Safety Mtg. Prime pumps and test lines to 9,000 psi, OK Hydraulic Fracure Wasatch stage 5 as follows: Break down 4.9 bpm @ 4,330 psi. Avg rate: 54.9 bpm, Avg press: 6,339 psi, Max rate: 58.7 bpm, Max press: 7,649 Psi. ISDP FG. .92, ISDP 4,348 PSI, 1 MIN: 4,291 PSI, 4 MIN: 4,255 PSI, Final FG.1.02, ISiP: 6,322 PSI, 5 MIN: 4,679 PSI, 10 MIN: 4,551 PSI, 15 MIN: 4,473 PSI, 20/40 White 141,173 lbs, 20/40 SLC 2,441 lbs, Total 20/40: 143,614 lbs, Proposed PROP 150,000 lbs. Gal acid 571, Total load to recover 4,135 bbls - 1830 PM Stage 5 kill plug set and first gun fired, second gun did not fire, kill plug at 8,650'. Checking out gun prepare for second run, Found broken wire, 1945 PM Gun at surface, gun fired with kill plug at 8,650' and perfs at 8,576' to 8,591' 2015 PM Well shut in and secured, SDFN will HF stage 6 in the AM pump time 0700 AM - 0825 AM ¿ 1000 AM Hydraulic Fracure Stage 4 as follows: Location Safety Mtg. Prime pumps and test lines to 9,000 psi, OK Hydraulic Fracure Wasatch stage 4 as follows: Break down 3.1 bpm @ 4,263 psi. Avg rate: 57.5 bpm, Avg press: 6,025 psi, Max rate: 59.9 bpm, Max press: 6,654 Psi. ISDP FG. .91., ISDP 4,412 PSI, 1 MIN: 4,365 PSI, 4 MIN: 4,307 PSI, Final FG. .95, ISiP: 4,769 PSI, 5 MIN: 4,499 PSI, 10 MIN: 4,401 PSI, 15 MIN: 4,368 PSI, 20/40 White 134,869 lbs, 20/40 SLC 15,000 lbs, Total 20/40: 149,869 lbs, Proposed PROP 150,000 lbs. Gal acid 810, Total load to recover 2,850 bbls. 1000 AM ¿ 1200 PM Held PJSM. RU WL. Test to

5,000 Psi. OK. RIH. Set 4.5" HES CoBP plug @ 9,085'. Perforate Stage 5 at 9,057'-58', 9,039'-40', 9,024'-25', 8,997'-9,000', 8,975'-78', 3 1/8¿ guns at 60 degrees, 3 spf, 27 holes. POOH. All shots fired. 1145 AM Stage 5 plug and perfs completed plug at 9,085' and perfs at 8,975' to 9,058' Prepare for stage 5 hydraulic fracture
Daily Cost: $0
Cumulative Cost: $104,849

6/9/2012 Day: 10 **Completion**

Rigless on 6/9/2012 - HF stage 6 RDMO HF equipment MIRU stone WSU - PJSM with all crew members on location, prime and test lines to 9,000 PSI. Test good prepare to start stage 6 HF. - 0730 AM ¿ 0840 AM Hydraulic Fracure Stage 6 as follows: Location Safety Mtg. Prime pumps and test lines to 9,000 psi, OK Hydraulic Fracure Wasatch stage 6 as follows: Break down10.7 bpm @ 3,757 psi. Avg rate: 55.4 bpm, Avg press: 5,525 psi, Max rate: 59.8 bpm, Max press: 7,606 Psi. ISDP FG. .86., ISDP 3,626 PSI, 1 MIN: 3,576 PSI, 4 MIN: 3,522 PSI, Final FG. .91, ISiP: 4,127 PSI, 5 MIN: 3,822 PSI, 10 MIN: 3,729 PSI, 15 MIN: 3,693 PSI, 20/40 White 115,328 lbs, 20/40 SLC 24,000 lbs, Total 20/40: 139,328 lbs, Proposed PROP 150,000 lbs. Gal acid 835, Total load to recover 2,727 bbls. - 0840 AM ¿ 1030 AM Held PJSM. RU WL. Test to 5,000 Psi. OK. RIH. Set 4.5" HES CoBP plug @ 8,470'. POOH. Kill Plug Set at 8,470' 1030 AM Kill plug set and wire line at surface SICP 3,800 PSI bleed off pressure and monitoring RDMO Baker HF equipment - = - Baker HF equipment RDMO LOC, ND frac stack, NU BOP stack, MIRU Stone WSU, pump, pit, and set pipe racks. Unload tbg. 19:30 pressure test Top HCR valve and blind rams Low 250 psi and High 8,000 psi, and test all 2-1/16 valves on Flow cross Low 250 high and 8,000 psi. Good test. Release pressure. Pressure test 10K pipe rams low 250 psi. high to 5,000 psi. Good test. Release pressure. Pressure test 5K annular Bop to 250 low high to 5,000 psi. Good test. Release pressure. All test complete @ 23:00 Hrs
Daily Cost: $0
Cumulative Cost: $204,846

6/10/2012 Day: 11 **Completion**

Rigless on 6/10/2012 - TIH to kill plug - 0730 AM Currently have 212 jts 2 3/8 Tbg in broke circulation, talley next row prepare to continue to TIH with Tbg 0945 AM Tagged kill plug at 8,470' on JT 272 with 15' out, tie back and start picking up swivel, prepare to establish pump rate and start drilling kill plug. 1255 PM Rig tied back swivel picked up start circulating to establish pump rate holding 2,500 psi on backside 1400 PM Established rate holding 2,500 psi on back side brought pumps on line had 1 pump go down and 2nd pump got 2 BPM at 3,700 psi. Pump was maxed out. Swivel started leaking at x-overs at packing nut and packing, lay down swivel and pull 2 stands with EOT at 8,359' secure well and stand by for another pump from Cudd and basic swivel. Will rig up pump and swivel this evening and continue operations in the morning. - Tally tbg and RU rig floor. PU & TIH w/ 3.75¿ x 1.20¿ inset Twister mill, 1 rotary sub 3.13¿ x 0.93¿ ID 1.00¿, 1 Pump-off bit sub Dual Flapper 3.00¿ x 2.03¿ ID 0.97¿,1-jts 2-3/8¿ tbg w/1.875 x nipple, 3.06¿x 1.00¿ X 1.88¿ ID. TIH w/29 jts 2-3/8" tbg Breaking circulation w/7 bbls and Check tbg weight. PU & TIH w/60 jts tbg breaking circulation w/15 bbls and check weight on tbg. PU & TIH w/122 jts 2-3/8¿ tbg Circulation w/22 bbls water. Check weight on tbg - 1400 PM EOT at 8,359' secure well and stand by for another pump from Cudd and basic swivel.
Daily Cost: $0
Cumulative Cost: $308,373

6/11/2012 Day: 12 **Completion**

Rigless on 6/11/2012 - Start drillout CoBP's - 1530 PM RBS swivel arrives MIRU - 1600 PM Established circulation rate at 3.8 BPM at 3,800 psi while holding 2,500 psi on backside, swivel good no leaks. Pick up JT start prepare to start drilling kill plug at 8,470' 1706 PM Plug #1 drilled in 23 minutes, circulating 3.5 BPM at 3,800 psi pressure on back side equalized at 3,300 psi. PU wt 18K, SO wt 14K neut wr 15K. FS torque 1200 psi. Drilling torque 1500 psi continue to TIH to plug 2 1822 PM Plug #2 drilled in 22 minutes, when plug equalized pressure rose to 3,700 psi circulating 2 BPM at 4,200 psi PU wt 19K, SO wt 15K neut wr 17K. FS torque 1300 psi. Drilling torque 1550 psi Circulating bottoms up and flow rate and pump rate to desired pressures and rates at present time, 2200 PM Plug #3 drilled in 18 minutes, when plug equalized pressure rose to 3,500 psi circulating 2 BPM at 4,200 psi PU wt 19K, SO wt 15K neut wr 17K. FS torque 1300 psi. Drilling torque 1600 psi Circulating bottoms up and flow rate and pump rate to desired pressures and rates at present time, - 0700 AM PJSM with all crew members on location, MIRU Cudd pump test lines to 7,500 psi. Test good, ETA on swivel from basic 2.5 Bowen swivel is 0900 Am - 0730 AM Stand by for swivel to arrive from Rangley. - 1230 PM Swivel rigged up, establish circulation at 3.5 BPM at 3,500 psi. Holding 2,500 psi on backside, swivel started leaking at packing. At present time tighten up packing and prepare to establish pump rate. Basic mechanic in route with spare packing, - Stand by for swivel from RBS

Daily Cost: $0

Cumulative Cost: $342,188

6/12/2012 Day: 13 **Completion**

Rigless on 6/12/2012 - drillout CoBP's, hang off tbg. - 0530 AM Plug #5 @ 9810' FS drilled in 15 minutes, when plug equalized pressure rose to 3,700 psi circulating 2 BPM at 4,200 psi PU wt 19K, SO wt 15K neut wr 17K. FS torque 1300 psi. Drilling torque 1550 psi flow rate and pump rate to desired pressures and rates at present time, Pmp @2,5 BMP @ 4200 PSI. Flow Back @ 3 BMP Flow back psi @ 3500 psi. PU & TIH w/tbg to PBTD. - 0300 AM Plug #5 @ 9545' FS drilled in 12 minutes, when plug equalized pressure rose to 3,700 psi circulating 2 BPM at 4,200 psi PU wt 19K, SO wt 15K neut wr 17K. FS torque 1300 psi. Drilling torque 1550 psi Circulating bottoms up and flow rate and pump rate to desired pressures and rates at present time, Pmp @2,5 BMP @ 4200 PSI. Flow Back @ 3 BMP Flow back psi @ 3500 psi - 1130 AM Circulated 2 bottoms up rotating and working Tbg, Returns clean lay down swivel and start pulling Tbg up to hang off point +- 8,500' PU WT 20K SICP 3,500 psi 1330 PM Land Tbg at 8,530' top perf at 8,576' with DBPV in hanger, perform neg pressure test on hanger, prepare to test hanger to 10K, prepare to ND bop stack and nu prod tree 1445 PM Neg pressure test and pressure test on hanger and DBPV completed start ND BOP stack and NU tree. 1945 PM Bit pumped off at 6,900 psi with 24 bbls gone pumped 3 bbls over with 27 bbls total gone shut down pump with SITP at 3,100 psi. RDMO Cudd pump and turn over to production 2030 Well shut in and secured SDFN. Turn over to production - 01:30 AM Plug #4 @ 9290' FS drilled in 22 minutes, when plug equalized pressure rose to 3,700 psi circulating 2 BPM at 4,200 psi PU wt 19K, SO wt 15K neut wr 17K. FS torque 1300 psi. Drilling torque 1550 psi Circulating bottoms up and flow rate and pump rate to desired pressures and rates at present time, Pmp @2,5 BMP @ 4200 PSI. Flow Back @ 3 BMP Flow back psi @ 3500 psi. - 0715 AM Tagged PBTD at 10,250' start circulating 2 bottoms up while rotating and working Tbg, pu wt 20K , Nuet wt 18K, so wt 16k, pumping 3 BPM at 4,200 psi. Return 3 BPM at 3,500 psi

Daily Cost: $0

Cumulative Cost: $418,480

7/23/2012 Day: 14 **Completion**

Rigless on 7/23/2012 - RD Production head and RU BOP, Test BOP low 300 psi high 3,000 psi Pull Two way check. - 1800 Cameron RD Lubricate off well head and weatherford start BOP

test. 19:30 Pressure test Complete low 300 psi and high 3,000 psi. Good test. Release pressure. 20:00 Cameron RU Lubricate and pull two check valve. RDMO Cameron. 20:30 Shut in BOP and lock out. SDFN - Well shut over night - 06:30 Safety meeting with Nabor well ser and Weatherford. Discussion on emergency phone numbers, driving on roads, pinch points, PPE and the right to stop work for safety reasons and PPE. Talk about POOH w/tbg and TIH w/tbg PBTD. - 07:00 SITP 41 PSI. SICP 1,400 PSI. Rig up rig pump and blow down casing. Set cat walk and Pipe ricks unload 70 jts 2-3/8" on location from Runners yard. Install BPV in tbg hanger. 11:30 ND Production head NU BOP. Have to waiting on bleed nipple for 2-3/8¿ tbg to test BOP. 12:30 Weatherford on location to test BOP stack. Low 300 PSI. 3,000 PSI High. 16:00 Tested low @ 300psi for 10 min w/no bleed off. Tested high at 3000psi for 10 min losing 150psi in less then 2 min. 2 Way check in hanger leaking Cameron dispatched to location to lubricate 2 way check from hanger, re-dress, and reinsert into tubing hanger. Will re-test after new 2-way is inserted. 17:00 Cameron on Location ND Lubricate and pull two way check and install new check valve.
Daily Cost: $0
Cumulative Cost: $431,632

7/24/2012 Day: 15 **Completion**

Rigless on 7/24/2012 - POOH w/tbg and tally out. RIH w/NC and tbg any fill. - 13:00 TIH w/273 jts 2-3/8¿ tbg 4.7# J-55, @ 8530¿ FS. Shut down Try back drill line. 17:30 PU off pipe rack & TIH w/ tbg 54 jts 2-3/8¿ tbg tag @ 10.284¿ FS. 18:00 POOH & LD 17 JTS 2-3/8¿ tbg. Shut down. RU rig pump and pump 20 BPW down tbg and Kill well. POOH & LD 40 jts 2-3/8" tbg @ 8530 FS. 20:30 Shut in well. SDFN - Well shut over night - Costs added from old tickets, Nabors Oil Tools Tk.#2234 $1460, Mountian West Tk 26753,63,Dalbo Tk16219,4450, Mountain WestTk#27011, RNI- Ref:061112A-$3747, Zubiate Inv. # 891A,896A,936A,1556, Runners tkt#00055,Rustin M Tk#565,WWS Tk#2503, SeaboardTk#191476 RFR Tk#58000194 - SITP 200 PSI. SICP 100 PSI. Blow down casing and tbg. Pump 20 BPW down tbg and kill well. 07:30 SITP 200 PSI. SICP 100 PSI. Blow down casing and tbg. Pump 20 BPW down tbg and kill well. 0900 POOH w/2-3/8¿ tbg and install NC and Tally tbg. 12:00 TIH w/NC and 20 jts 2-3/8" tbg and pmp 10 BPW down tbg and kill well. 13:00 Rig Crew shut down for lunch. 13: - 06:30 Safety meeting with Nabor well ser and Weatherford. Discussion on emergency phone numbers, driving on roads, pinch points, PPE and the right to stop work for safety reasons and PPE. Talk about POOH w/tbg and TIH w/tbgnad tag PBTD. Blow down tbg and casing.
Daily Cost: $0
Cumulative Cost: $607,383

7/25/2012 Day: 16 **Completion**

Rigless on 7/25/2012 - POOH & LD w/2-3/8" tbg, PU TIH w/2-7/8" production tbg - Went to office and talked to Brent Cook and discussed TAC to be set at 8230'. Got ok to run 3 jts before the TAC. Procedure showed 1 jt. which when calculated out was in error. Got approval to make changes to the procedure. 07:00 - SITP 200 PSI. SICP 400 PSI. Blow down tbg Pump 20 BPW down tbg and kill well. POOH & LD w/10 jts 2-3/8 tbg have to rig back up to tbg . Going to cir Bottom up to Kill well. 10:30 Cir bottom up w/365 BPW and kill well. POOH & LD 2-3/8¿ tbg 15:00 POOH & LD 343 jts 2-3/8" tbg. Work on change out 2-3/8" rams to 2-7/8" rams. Weatherford on locations to pressure test 2-7/8" tbg rams low 300 PSI. High to 3,000 PSI. 16:30 Complete BOP Test. Good Test.Release pressure. RDMO weatherford . - well shut over night - 17:00 TIH w/NC 3 jts 2-3/8"6.5# L-80 tbg, 1 - 2-7/8" x 7" TAC, 1 jt 2-7/8" tbg, 1 - 27/8" SN, 149 jts 2-7/8" 6.5# L-80 tbg. 19:30 Shut well in. SDFN - Safety meeting with Nabors well ser and Weatherford. Discussion on emergency phone numbers, driving on roads, pinch points, PPE and the right to stop work for safety reasons and PPE
Daily Cost: $0

Cumulative Cost: $617,838

7/26/2012 Day: 17 **Completion**

Rigless on 7/26/2012 - Run production tbg and rods and pump - Well shut in over night - RU & Loaded w/2" x 1-3/4" x 30'' RHBZ pmp, 26 - 1"w/4 per PPA XL Stealth, 96 - 3/4" w/4 per PPA XL Stealth, 110 - 7/8" w/4 4 per PPA XL Stealth. 26 - 1' w/4 per PPA XL Stealth 1 - 40' PR made up one 1" rod, then picked up polish and swifn. Shut well in. SDFN - TIH w/2-7/8" Bull plug and collar ,2jts - 2-7/8" tbg, 1 - 2-7/8" desander, 1 - 2-7/8" x 6' tbg pup, SN,1- jt -2-7/8"tbg, 1- 2-7/8 x 7" TAC, w/253 jts 2-7/8" 6.5# L-80 tbg, 2-7/8" x .85" x 4.5" Tbg hanger. Note: LD tbg w/donut as Follows: TAC set @ 8,248 w/20K. SN @ 8,222' , Desander @ 8,248', EOT @ 8,313' FS. Wastch perfs fr/8,576' to 10,061' PBTD 10,330 FS. ND BOP & NU production head. Note: LD tbg w/donut as Follows: TAC set @ 8,248 w/20K. SN @ 8,222' , Desander @ 8,248', EOT @ 8,313' FS. Wastch perfs fr/8,576' to 10,061' PBTD 10,330 FS. - Safety meeting with Nabors well ser and Weatherford. Discussion on emergency phone numbers, driving on roads, pinch points, PPE and the right to stop work for safety reasons and PPE, - SITP 200 PSI, SICP 300 PSI. Blow down casing and tbg. RU to tbg and pump 20 BPW down the tbg and kill well . 07:30 Brent Cook called me the AM. The office decided to change the BHA and instructed me to TOH with all tubing and change BHA to new specifications. POOH w/149Jts 2-3/8" tbg 6.5# L-80, SN, 1 - jts 2-7/8" tbg, 1 -2-7/8" x 7" TAC, 3 - jts 2-7/8" tbg, NC
Daily Cost: $0
Cumulative Cost: $687,906

7/30/2012 Day: 18 **Completion**

Nabors #1608 on 7/30/2012 - RDMO. Hang rods on unit with B&G crane. RUWH. PWOP @ 6:00 pm w/ 288" SL & 4 SPM. Final report. - RDMO. Hang rods on unit with B&G crane. RUWH. PWOP @ 6:00 pm w/ 288" SL & 4 SPM. Final report.
Daily Cost: $0
Cumulative Cost: $989,821

Pertinent Files: Go to File List

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
PATENTED

1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.
DILLMAN 5-2-3-1W

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. *(include area code)*
(435) 646-3721

9. AFI Well No.
43-047-52244

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface 2127' FNL & 568' FWL (SW/NW) SEC. 2, T3S, R1W (PATENTED)

10. Field and Pool or Exploratory
UNDESIGNATED

11. Sec., T., R., M., on Block and Survey or Area
SEC. 2, T3S, R1W

At top prod. interval reported below

At total depth

12. County or Parish
UINTAH

13. State
UT

14. Date Spudded
04/02/2012

15. Date T.D. Reached
05/17/2012

16. Date Completed 06/12/2012
☐ D & A ☑ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
4987' GL 5000' KB

18. Total Depth: MD 10345'
TVD

19. Plug Back T.D.: MD 10284'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY,COMP. NEUTRON,GR,CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☑ No ☐ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8" J-55	36#	0'	1045'		440 CLASS G			
8-3/4"	7" P-110	26#	0'	8649'		585 PREMLITE		1098'	
						275 50/50 POZ			
6-1/8"	4-1/2" P-110	11.6#	8363'	10338'		275 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 8530'							

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wasatch	8576'	10081'	8576'-10081'	0.34"	162	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
8576'-10081'	Frac w/ 750879#'s 20/40 white sand & 80656#s TLC, in 12332 bbls of Lightning 20 fluid, in 6 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/12/12	06/22/12	24	→	300	222	213			FLOWING

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

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OCT 30 2012
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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

SOLD AND USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
WASATCH	8576'	10081'		GREEN RIVER EPA MAHOGANY BENCH GARDEN GULCH 1 WASATCH TF40 RB	3800' 5930' 7016' 8949' 10012'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Jennifer Peatross Title Production Technician

Signature Date 10/25/2012

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Patented

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
DILLMAN 5-2-3-1W

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43047522440000

3. ADDRESS OF OPERATOR:
1001 17th Street, Suite 2000 , Denver, CO, 80202

PHONE NUMBER:
303 382-4443 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2127 FNL 0568 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWNW Section: 02 Township: 03.0S Range: 01.0W Meridian: U

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 9/7/2012	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Site Facility/Site Security

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

SEE ATTACHED REVISED SITE FACILITY DIAGRAM

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
January 28, 2013

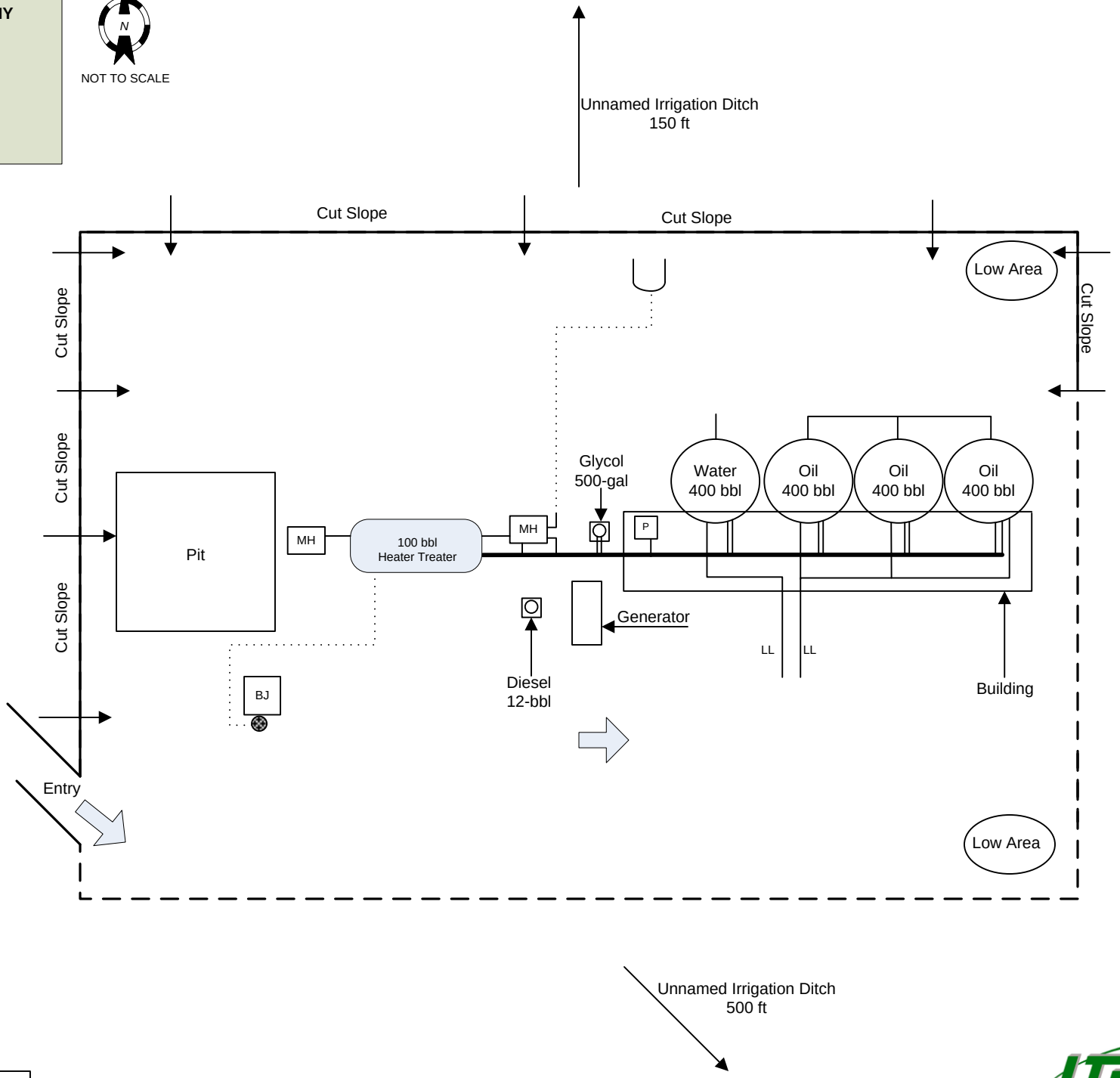
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jill L Loyle	303 383-4135	Regulatory Technician
SIGNATURE		**DATE**
N/A		1/25/2013

RECEIVED: Jan. 25, 2013

NEWFIELD PRODUCTION COMPANY

DILLMAN 5-2-3-1
SEC.2 T3S R1W
UINTAH COUNTY, UTAH

NOT TO SCALE



LEGEND

- FENCE
- BERM
- ABOVEGROUND PIPING
- UNDERGROUND PIPING (LOCATION APPROXIMATE)
- MH — METER HOUSE
- DIRECTION OF FLOW
- bbl — BARREL(S)
- LL — LOAD LINE
- WELL HEAD
- BJ — BELT JACK
- P — PUMP
- PIPING CONDUIT

ALL UNDERGROUND PIPING IS FOR PROCESS FLOW DEMONSTRATION ONLY

RECEIVED: Jan. 25, 2013